



## Confidential Quotation

<p><b>Client:</b> Edoardo Moretto CNR-IN-INSTITUTE OF NEUROSCIENCE</p> <p>via Raoul Follereau 3 Vedano al Lambro, Please Select 20854 Italy +39-0264488387 <a href="mailto:edoardo.moretto@in.cnr.it">edoardo.moretto@in.cnr.it</a></p>	<p><b>Tracking Number: 90-856737703</b> <b>Revision Number: R1</b> Quotation Effective Date: 11/Apr/2023 Quotation Expiration Date: 11/Jul/2023 Payment Term: NET 30 Shipment: Prepaid and add</p> <p><b>Contact:</b> Azenta/GENEWIZ Project Management <a href="mailto:GS@azenta.com">GS@azenta.com</a> +49 341 520 122 – 41</p> <p>Account Manager: Adriana Palazzotto Account Manager Email: <a href="mailto:adriana.palazzotto@azenta.com">adriana.palazzotto@azenta.com</a></p>
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Azenta/GENEWIZ is pleased to offer you this custom quotation. As a leading global service partner, we are proud to help advance your research and development through our high quality results, stringent Quality system, expert Project Management, and flexible service options to save you time and resources.

### I. Estimated Price

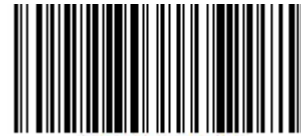
	Service	Unit Cost	Quantity	Itemized Subtotal	Service Subtotal
1	Gene synthesis, 1.5-2 kb	€0.27	1671	€451.17	€317.49
	Gene synthesis, 1.5-2 kb->Discount	-	-	€-133.68	
	Standard cloning with synthesis, pUC-GW-Amp	-	1	-	
	Mini-scale DNA sample, bundled	-	1	-	
2	Gene synthesis, < 1.5 kb	€0.27	1155	€311.85	€219.45
	Gene synthesis, < 1.5 kb->Discount	-	-	€-92.40	
	Standard cloning with synthesis, pUC-GW-Amp	-	1	-	
	Mini-scale DNA sample, bundled	-	1	-	
Order Subtotal:					€536.94
Shipping/Handling:					€35.00

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Registered Office: Frankfurt a. M • Register Court Frankfurt a. M. HRB 109853 • Managing Directors:  
Jason Joseph, Andrew Mulkerin, David P. C. Wesley-Yates  
VAT ID: DE317905342 • Bank of America • IBAN: DE07 5001 0900 0020 9360 18 • BIC: BOFADEFX  
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	Tax:	€0.00
<b>Estimated Total for Project:</b>		<b>€571.94</b>

New customer promotional pricing applied (single use only).

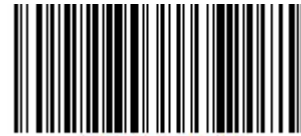
Please review all sequences and the detailed service description, located [here](#).

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## II Estimated Processing Time

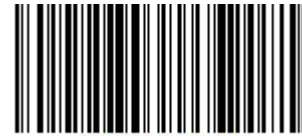
24-27 business days.

Processing time for synthesis of typical sequences (non-repetitive, non-toxic) is estimated at 8-10 business days for sequences under 1.5 kb, 10-12 business days up to 3 kb, and 15-25 business days for sequences up to 6 kb. Difficult template synthesis may vary widely depending on sequence complexity. Projects involving larger than 10kb or unstable vectors may add an additional 5-10 business days to the project. Project cancellation after the purchase will incur cancellation fees up to full cost of the order. Contact [GS@azenta.com](mailto:GS@azenta.com) to request additional information for specific order. Additional 5-7 business days for shipping and handling will be required.

Individual products within larger orders may complete at different times. Contact [GS@azenta.com](mailto:GS@azenta.com) to request that split shipping be added to your order (additional charges apply).

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### III. How to Start Your Order

1. Provide valid Purchase Order or charging instructions (checkout through your online Azenta/GENEWIZ account, email [GS@azenta.com](mailto:GS@azenta.com) or call +49 341 520 122 – 41)

### IV. Service Description

1. Standard synthesis of Nanobody sensor, with sequence verification and standard cloning into pUC-GW-Amp; delivered as a mini-scale DNA sample.

2. Standard synthesis of Nanobody mScarlet3, with sequence verification and standard cloning into pUC-GW-Amp; delivered as a mini-scale DNA sample.

#### Notes:

*The pUC-GW vector sequence has recently been changed. Please click [pUC-GW Plasmid Map \(.pdf\)](#); [pUC-GW-Kan \(.gb\)](#); [pUC-GW-Amp \(.gb\)](#) for the updated sequence.*

*One or more sequences in this order are anticipated to be difficult to synthesize, clone, verify, amplify, or prep. Although we make every reasonable effort to complete the project, we cannot guarantee the sequence accuracy or delivery of these extreme sequences.*

*To accept this Quotation, please see the [How to Start Your Order](#) section.*

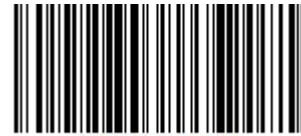
### V. Sequence Analysis

1. Nanobody sensor: A 367 T 219 C 515 G 570 | GC%: 64.93% | Length: 1671

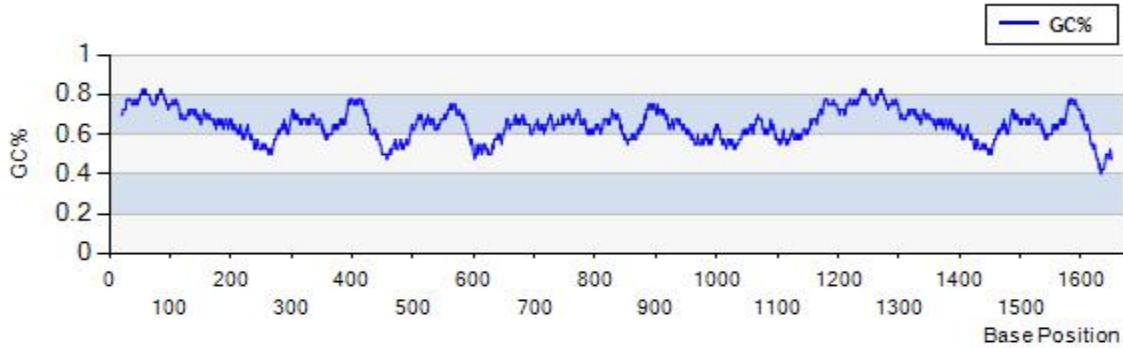
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CACTCTCGGCATGGACGAGCTGTACAAGGGCGGTACCGGAGGGAGCATGGTGAGCAAGGGCGAGGAGCTGTTACCGGGGTGGTGCCCATCCTGGTC
GAGCTGGACGGCAGGTAACCGGCCACAAGTTCAGCGTGTCCGGCGAGGGTGAGGGCGATGCCACCTACGGCAAGCTGACCCTGAAGTTCATCTGCA
CCACCGCAAGCTGCCCGTGCCTGGCCACCCTCGTGACCACCTGACCTACGGCGTGCAGTGTTCAGCCGCTACCCCGACCACATGAAGCAGCA
CGACTTCTTCAAGTCCGCCATGCCCGAAGGCTACATCCAGGAGCGCACCATCTTCTTCAAGGACGACGGCAACTACAAGACCCGCGCCGAGGTGAAG
TTCGAGGGCGACACCCCTGGTGAACCGCATCGAGCTGAAGGGCATCGACTTCAAGGAGGACGGCAACATCCTGGGGCACAAGCTGGAGTACAACGGCG
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TGCAGATGAACAGCCTGAGGGCCGAGGACACCGCCACCTACTACTGCGCCGCTTCAGGCACGAGGTGCACGGCAGCATGAGGCACGAGTGGGAGGT
GATCAAGTACTGGGGCCAGGGCACCCAGGTGGCCGTGAGCAGCGCGGTACCGGAGGGAGCTACCCATACGATGTCCAGATTACGCTTCTAGATGA
ACTAGTGGCGCCGCAAGCTTA
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**GC Content**



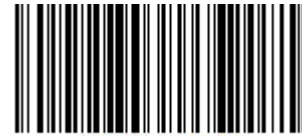
**Direct Repeat**

Len	Sequence	Sites
398	CATGGCCGAGGTGCAGCTGCAGGCCAGCGCGGCGGCTTCGTGC AGCCCGGGCAGCCTGAGGCTGAGCTGCGCCGCCAGCGGCGGC ACCAGCTACTGGGACGGCATGGGCTGGTTCAGGCAGGCCCCCGG CAAGGAGAGGGAGTTCGTGAGCGCCATCCTGGGCAGGGCAACA TCGGCACCTACTACGCCGACAGCGTGAAGGGCAGGTTACCATC AGCAGGGACAACAGCAAGAACACCGTGTACCTGCAGATGAACAG CCTGAGGGCCGAGGACACCGCCACCTACTACTGCGCCGCCTTCA GGCACGAGGTGCACGGCAGCATGAGGCACGAGTGGGAGGTGATC AAGTACTGGGGCCAGGGCACCCAGGTGGCCGTGAGCAGCGGCGG TA	20, 1205
28	CGGCGGTAGCGGAGGGAGCGGCGGTAGC	410, 1160
21	AGCGGCGGTAGCGGAGGGAGC	408, 1185
18	GGCGGTACCGGAGGGAGC	708, 1596
14	AGCGGCGGTAGCGG	408, 1176, 1185
14	CGGAGGGAGCATGG	716, 1196
12	GCCAGCGGCGGC	42, 96, 1227, 1281
12	AGCGGCGGTAGC	408, 426, 1176, 1185

**Inverted Repeats**

Len	Sequence	Sites	Loop
12	GGGCCAGGGCAC (5' -> 3')	380	499
	CCCGGTCCCGTG (3' -> 5')	902	

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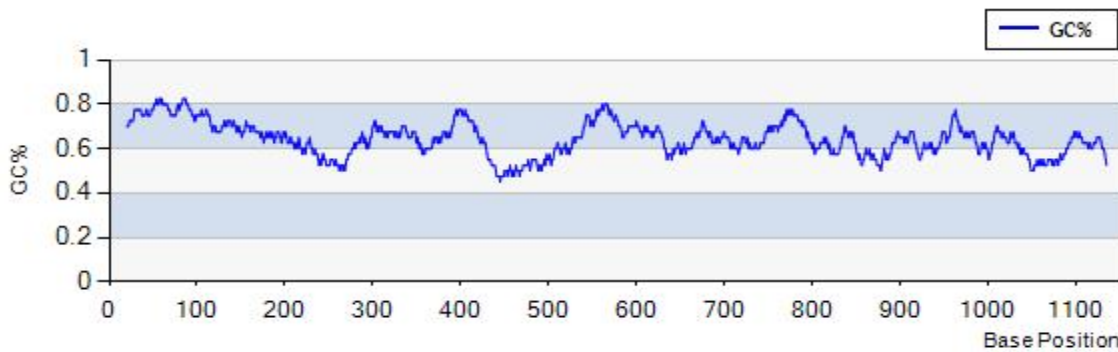
12 GGGCCAGGGCAC (5' -> 3')  
CCCGGTCCCGTG (3' -> 5')

1565 686  
902

**2. Nanobody mScarlet3: A 250 T 163 C 367 G 375 | GC%: 64.24% | Length: 1155**

CGAGAGGATCCGCCGCCACCATGGCCGAGGTGCAGCTGCAGGCCAGCGCGCGCGCTTCGTGCAGCCCGCGGCAGCCTGAGGCTGAGCTGCGCCGC  
CAGCGGCGGCACCAGCTACTGGGACGGCATGGGCTGGTTCAGGCAGGCCCGCGCAAGGAGAGGGAGTTCGTGAGCGCCATCCTGGGCAGGGGCAAC  
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CCGAGGACACCGCCACCTACTACTGCGCCGCTTCAGGCACGAGGTGCACGGCAGCATGAGGCACGAGTGGGAGGTGATCAAGTACTGGGGCCAGGG  
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CCCCGCCGACATCCCCGACTACTGGAAGCAGTCCTTCCCCGAGGGCTTCAAGTGGGAGCGCGTGATGAACTTCGAGGACGGCGCGCGCCGTGTCCGTG  
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**GC Content**



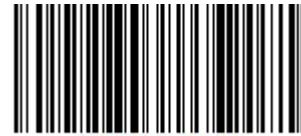
**Direct Repeat**

Len	Sequence	Sites
13	CGAGGGCGAGGGC	542, 548
12	GCCAGCGGCGGC	42, 96

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## VI. General Terms and Conditions

This quotation is exclusive of any applicable customs duties. Applicable taxes and freight in this quotation are estimated. Any order issued in response to this quotation is governed solely by the below referenced terms and conditions or, where applicable, a contract signed by Azenta/GENEWIZ and the customer. No other terms are accepted by Azenta/GENEWIZ.

\*This quotation may be revoked at any time until Azenta/GENEWIZ has provided a sales order confirmation.

Terms and conditions can be found at: <https://www.genewiz.com/en/Public/Company/Policies/Terms-Conditions>

**Name:**\_\_\_\_\_ **Date:**\_\_\_\_\_ **Signature:**\_\_\_\_\_

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