

OLIGONUCLEOTIDE SPECIFICATION SHEET

24-May-2024

20332113 Order No.

482763760 Ref. No.

Sequence - supergene_long_F

25 nmole DNA Oligo, 20 bases

5'- TGA TGC TCA GCA CAG GAA GG -3'

Properties

Amount Of Oligo

100µM in 209µL IDTE Buffer pH

Shipped To

Tm (50mM NaCl)*: 57.4 °C

GC Content: 55.0%

Molecular Weight: 6,191.1 nmoles/OD260: 5.0

> ug/OD260: 31.0 Ext. Coefficient: 199,800 L/(mole·cm)

Secondary Structure Calculations

Lowest folding free energy (kcal/mole): -0.53 at 25 °C

Strongest Folding Tm: 33.5 °C	

Oligo Base Types	Quantity
DNA bases	20
Modifications and Services	Quantity
LabReady (Normalized to 100µM in IDTE pH 8.0)	1
Standard Desalting	1

YAAMINI VENKATARAMAN WOODS HOLE OCEANOGRAPHIC INSTI 266 WOODS HOLE RD STOP 33 WOODS HOLE, MA 02543-1535

USA

4085043603

PO No. Credit Card Customer No. 630675

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Mfg. ID 404756078





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- •Lyophilized contents may appear as either a translucent film or a white powder. This variance does not affect the quality of the oligo.
- •Please centrifuge tubes prior to opening. Some of the product may have been dislodged during shipping.

*The Tm shown takes no account of ${\rm Mg^{2+}}$ and dNTP concentrations. Use the OligoAnalyzer® Program at www.idtdna.com/scitools to calculate accurate Tm for your reaction conditions.

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Fluorescent labeled oligonucleotides and modified nucleotides

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