

OLIGONUCLEOTIDE SPECIFICATION SHEET

3296807 Order No. 14-Sep-2020

> 226685604 Ref. No.

Sequence - FBgfp333_1130 FWD Set 1

25 nmole DNA Oligo, 19 bases

5'- GGC GTG GAT AGC GGT TTG A -3'

Properties

Tm (50mM NaCl)*: 57.9 °C GC Content: 57.9% Molecular Weight: 5,939.9 nmoles/OD260: 5.3 ug/OD260: 31.6

Ext. Coefficient: 188,100 L/(mole·cm)

Amount Of Oligo

5.1= 27.3 = 0.16OD₂₆₀ nmoles mq

For 100 µM: add 273 µL

Shipped To

ALON DAYA RUPPIN ACADEMIC CENTER **MICHMORET** MICHMORET, 40297 **ISRAEL** 098304118

Customer No. 4287385 PO No. 09142020

Secondary Structure Calculations

Lowest folding free energy (kcal/mole): -1.02 at 25 $^{\circ}\text{C}$ Strongest Folding Tm: 38.2 °C

Oligo Base Types	Quantity
DNA Bases	19
Modifications and Services	Quantity
Standard Desaltina	1

Disclaimer

See on reverse page notes (I) (II) & (III) for usage, label license, and product warranties

Mfg. ID 347009971





INSTRUCTIONS

•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 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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