

06-May-2022

Order No. **18523942**

Ref. No. **405432304**

Sequence - miCOLintF

25 nmole DNA Oligo, 59 bases

5'- TCG TCG GCA GCG TCA GAT GTG TAT AAG AGA CAG GGW ACW GGW TGA ACW GTW TAY CCY CC - 3'

Properties

T_m (50mM NaCl)*: 70.1 °C
 GC Content: 50.8%
 Molecular Weight: 18,255.4
 nmoles/OD260: 1.7
 ug/OD260: 31.4
 Ext. Coefficient: 580,650 L/(mole·cm)

Amount Of Oligo

14.9 = 25.7 = 0.47
 OD₂₆₀ nmoles mg
 For 100 µM: add 257 µL

Shipped To

MEGHAN SHEA
 STANFORD FUNCTIONAL GENOMICS C
 Y2E2 (04-070), ROOM 161
 STANFORD, CA 94309
 USA
 6103507975
 Customer No. 558273 PO No. 62212316

Secondary Structure Calculations

Lowest folding free energy (kcal/mole): -0.86 at 25 °C
 Strongest Folding T_m: 35.9 °C

Oligo Base Types

DNA Bases Quantity
 59

Modifications and Services

Standard Desalting Quantity
 1

Disclaimer

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

Mfg. ID 63125087

 <p>405432304  M.SHEA 63125087 06-May-2022 miCOLintF 5'-TCG TCG GCA GCG TCA GAT GTG TAT AAG AGA CAG GGW ACW GGW TGA ACW GTW TAY C MW = 18,255.4g/mol T_m = 70.1 °C 14.9 OD = 25.7 nmol = 0.47 mg</p>	 <p>405432304  M.SHEA 63125087 06-May-2022 miCOLintF 5'-TCG TCG GCA GCG TCA GAT GTG TAT AAG AGA CAG GGW ACW GGW TGA ACW GTW TAY C MW = 18,255.4g/mol T_m = 70.1 °C 14.9 OD = 25.7 nmol = 0.47 mg</p>
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I N S T R U C T I O N S

*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 T_m shown takes no account of Mg²⁺ and dNTP concentrations. Use the OligoAnalyzer® Program at www.idtdna.com/scitools to calculate accurate T_m for your reaction conditions.

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