

08-Sep-2022

Order No. **18828470**

Ref. No. **417804751**

Sequence - l.scap_Y-specific_1_ultram

100 nmole DNA Oligo, 90 bases

**5'- ACT GCC AAA AGA CAA GTT CCT GTA TCC AGG AGC TAG CGC CCT GGA TCC GTC TTG CAG CGC TCA
TTT AAC AAA TAC GCG TCG TCA AGA AAT -3'**

Properties

T_m (50mM NaCl)*: 72.6 °C
GC Content: 48.9%
Molecular Weight: 27,649.9
nmoles/OD260: 1.2
ug/OD260: 32.0
Ext. Coefficient: 864,200 L/(mole·cm)

Amount Of Oligo

52.4 = 60.6 = 1.68
OD₂₆₀ nmoles mg
For 100 µM: add 606 µL

Shipped To

TRAVIS GLENN
UNIVERSITY OF GEORGIA
4435 ATLANTA HWY
ATHENS, GA 30606-0806
USA
7065830662
Customer No. 170870 PO No. E1340657

Secondary Structure Calculations

Lowest folding free energy (kcal/mole): -9.37 at 25 °C
Strongest Folding *T_m*: 43.8 °C

Oligo Base Types

DNA Bases

Quantity

90

Modifications and Services

Standard Desalting

Quantity

1

Disclaimer

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

Mfg. ID 400032251

417804751 IDT
T. GLENN
400032251 08-Sep-2022
l.scap_Y-specific_1_ultra
5'-ACT GCC AAA AGA CAA GTT CCT GTA TCC
AGG AGC TAG CGC CCT GGA TCC GTC TTG CAG
MW = 27,649.9g/mol *T_m* = 72.6 °C
52.4 OD = 60.6 nmol = 1.68 mg

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52.4 OD = 60.6 nmol = 1.68 mg

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.

M

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