

26-Aug-2022

Order No. **18799384**

Ref. No. **416587441**

Sequence - l.scap_Y-specific_1 FWD

25 nmole DNA Oligo, 23 bases

5'- ACT GCC AAA AGA CAA GTT CCT GT -3'

Properties

T_m (50mM NaCl)*: 57.1 °C
GC Content: 43.5%
Molecular Weight: 7,016.6
nmoles/OD260: 4.4
ug/OD260: 31.2
Ext. Coefficient: 224,800 L/(mole·cm)

Amount Of Oligo

5.3 = 23.7 = 0.17
OD₂₆₀ nmoles mg
For 100 µM: add 237 µL

Shipped To

TRAVIS GLENN
UNIVERSITY OF GEORGIA
4435 ATLANTA HWY
ATHENS, GA 30606-0806
USA
7065830662
Customer No. 170870 PO No. E1337816

Secondary Structure Calculations

Lowest folding free energy (kcal/mole): 0.19 at 25 °C
Strongest Folding *T_m*: 22.0 °C

Oligo Base Types

DNA Bases Quantity
23

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 487939083



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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