

14-Sep-2020

Order No. **3296807**

Ref. No. **226685607**

Sequence - FBmCh333\_1118 REV Set 1

25 nmole DNA Oligo, 26 bases

**5'- CCA GGT GAG GTA GTT CTT CTG ATT AC -3'**

#### Properties

*T<sub>m</sub>* (50mM NaCl)\*: 56.5 °C  
GC Content: 46.2%  
Molecular Weight: 7,992.2  
nmoles/OD260: 4.0  
ug/OD260: 32.2  
Ext. Coefficient: 248,400 L/(mole·cm)

#### Amount Of Oligo

8.1 = 32.8 = 0.26  
OD<sub>260</sub> nmoles mg  
For 100 µM: add 328 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): -0.39 at 25 °C  
Strongest Folding *T<sub>m</sub>*: 29.5 °C

#### Oligo Base Types

DNA Bases Quantity  
26

#### 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 347010068

**226685607** IDT  
A.DAYA  
347010068 14-Sep-2020  
FBmCh333\_1118 REV Set  
5'-CCA GGT GAG GTA GTT CTT CTG ATT AC-3'  
MW = 7,992.2g/mol *T<sub>m</sub>* = 56.5 °C  
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8.1 OD = 32.8 nmol = 0.26 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<sub>m</sub>* shown takes no account of Mg<sup>2+</sup> and dNTP concentrations. Use the OligoAnalyzer® Program at [www.idtdna.com/scitools](http://www.idtdna.com/scitools) to calculate accurate *T<sub>m</sub>* for your reaction conditions.

M

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