

Recombinant Full Length Bacillus Halodurans Cardiolipin Synthase(Cls) Protein, His-Tagged

Cat. No. RFL8556BF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Bacillus halodurans Cardiolipin synthase(cis) Protein (Q9K8Z4) (1-503aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Bacillus Halodurans
Source	E.coli
ProteinLength	Full Length (1-503)
Form	Lyophilized powder
AA Sequence	MKNRLNVLLFLLILSTGLYLTRSFWQGWIVGAFSVLITITVVFIVIFLENRHPTKTLT WLMVLAVFPVVGFIYLMFGQNRKSKTFMKKALSDEEAFEKIEGNRQLNEEQLQK MGGH QQLFRLAHLANNPISFSTNTKVLTDGKETFAHIKQALRMATHHHLEYYIVR DDEIGQ EIKEILMQKAKEGIHVRFLYDGVGSWKLSKSYIQDLKQAGVEIVPFAPVKLP FINHTINY RNHRKIIVIDGTVGVGGLNIGDEYLGKDPYFGFWRDTHLYVRGEAVRTL QLIFLRDWAH ETGETILKPSYLSPALTNMKDDGGVQMIASGPDTRWEINKKLFFSMI TSAKKSIWITSPY FIPDEDILSALKIAALSGIDVRILVPNRPDKRIVFHASRSYFPELLEA GVKVYEYTRGFL HSKIIVDNEIASIGTSNMDMRSFHLNFEVNAFLYRTKSVTTLVSDF VYDLEHTNQIRFE QFRNRAWYYRVLESTCRLLSPLL
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C

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for up to one week.

Storage

Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Storage Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name

cls

Synonyms

cls; BH2858; Cardiolipin synthase; CL synthase

UniProt ID

[Q9K8Z4](#)

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