

Recombinant Full Length Glycerol Dehydrogenase Small Subunit(Sldb) Protein, His-Tagged

Cat. No. RFL19190GF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Glycerol dehydrogenase small subunit(sldB) Protein (Q8L1D5) (2-126aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Gluconobacter thailandicus
Source	E.coli
ProteinLength	Full Length of Mature Protein (2-126)
Form	Lyophilized powder
AA Sequence	PNLQGNRTLTEWLTLLLGVIVLLVGLFFVIGGADLAMLGGSTYYVLCGILLVASGVFMLM GRTLGAFLYLALAYTWWSFWVEVGFSPIDLLPRAFGPTILGILVALTIPVLRRLME SRRT LRGAV
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C 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

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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	sldB
Synonyms	sldB; Glycerol dehydrogenase small subunit; D-arabitol dehydrogenase small subunit; ARDH; D-sorbitol dehydrogenase subunit SldB; SLDH; Gluconate/polyol dehydrogenase small subunit
UniProt ID	Q8L1D5

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