

Recombinant Full Length Shigella Flexneri Serotype 5B Thiol:Disulfide Interchange Protein Dsbd(Dsbd) Protein, His-Tagged

Cat. No. RFL12041SF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Shigella flexneri serotype 5b Thiol:disulfide interchange protein DsbD(dsbd) Protein (Q0SXE3) (20-565aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Shigella flexneri serotype 5b
Source	E.coli
ProteinLength	Full Length of Mature Protein (20-565)
Form	Lyophilized powder
AA Sequence	GLFDAPGRSQFVPADQAFADFQQNQHDNLNTWQIKDGYLYRKQIRITPEHAKIAD VQL PQGVWHEDEFYGKSEIYRDRLTLPVTINQASAGATLTVTYQGCADAGFCYPPE TKTVPLS EVVANNAASQPVSVSQQEHTAQLPFSAWALLIGIGIAFTPCVLPMPYPLI SGIVLGGKQ RLSTARALLTFIYVQGMALTYTALGLVAAAAGLQFQAALQHPYVLIGL AIVFTLLAMSM FGLFTLQLPSSLQTRTLMSNRQQGGSPGGVFVMGAIAGLICSPCT TAPLSAILLYIAQS GNMWLGGGTLYLYALGMGLPLMLITVFGNRLLPKSGPWMEQV KTAFGFVILALPVFLLER VIGDVWGLRLWSALGVAFFGWAFITSLQAKRGWMRVVQI ILLAAALVSVRPLQDWAFGAT HTAQTQTHLNFTQIKTVDELNQAALVEAKGKPVMLDL YADWCVACKEFEKYTFSDPQVQKA LADTVLLQANVTANDAQDVALLKHLNVLGLPT ILFFDGQGQEHQPQARVTGFMDAETFSAH LRDRQP

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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
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	dsbD
Synonyms	dsbD; SFV_4292; Thiol:disulfide interchange protein DsbD; Protein-disulfide reductase; Disulfide reductase
UniProt ID	Q0SX E3