

Disulfide Bond Isomerase Recombinant Protein | DsbC recombinant protein

Recombinant Disulfide Bond Isomerase

CATALOG #
AAA38260HOST
E Coli

PRODUCT SYNONYMS

Disulfide Bond Isomerase; Recombinant Disulfide Bond Isomerase; DsbC; Disulfide-Bond Isomerase Recombinant; Thiol:disulfide interchange protein dsbC; DsbC recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 95.0% as determined by(a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
Form/Format	1 mg/ml solution containing 20mM phosphate buffer pH 7.5 and 20mM EDTA. Sterile filtered colorless solution.
Sequence	DDAAIQQTLA KMGIKSSDIQ PAPVAGMKT V LTNSGVLYIT DDGKHIIQGP MYDVSGTAPV NVTNKMLLKQ LNALEKEMIV YKAPQEKHVI VFTDITCGYC HKLHEQMADY NALGITVRYL AFPRQGLDSD AEKEMKAIWC AKDKNKAFFD VMAGKSVAPA SCDVDIADHY VLGVLGVSG TPAVLSNGT LVPGYQPPKE MKEFLDEHQQ MTSGK
Sequence Length	236
Preparation and Storage	Disulfide-Bond Isomerase Recombinant although stable at 4 degree C for 1 week, should be stored desiccated below -18 degree C. Please prevent freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for DsbC recombinant protein	Description: Disulfide-Bond Isomerase Recombinant produced in E Coli is a single, non-glycosylated, polypeptide chain containing 216 amino acids (21-236) and having a molecular mass of 23.5 kDa. DsbC is purified by proprietary chromatographic techniques. Introduction: Dsb proteins (DsbA, DsbB, DsbC, and DsbD) catalyze formation and isomerization of protein disulfide bonds in the periplasm of Escherichia coli. DsbC is periplasmic enzyme known as a disulfide isomerase and can convert aberrant disulfide bonds to correct ones.
Product Categories/Family for DsbC recombinant protein	Enzymes; Isomerase

NCBI AND UNIPROT INFORMATION

NCBI GI #	16130795
NCBI GeneID	947363
NCBI Accession #	NP_417369.1
NCBI GenBank Nucleotide #	NC_000913.3
UniProt Accession #	P0AEG6; P21892; Q2M9U8
Molecular Weight	25,622 Da
NCBI Official Full Name	protein disulfide isomerase II

NCBI Official Symbol	dsbC
NCBI Official Synonym Symbols	ECK2888; JW2861; xprA
NCBI Protein Information	protein disulfide isomerase II
UniProt Protein Name	Thiol:disulfide interchange protein DsbC
UniProt Gene Name	dsbC
UniProt Synonym Gene Names	xprA
UniProt Entry Name	DSBC_ECOLI

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/dsbc-recombinant-protein-e-coli/38260>