

Disulfide-bond isomerase (DsbC) Recombinant Protein | DsbC recombinant protein

Disulfide-bond isomerase (DsbC), 21-236 aa, E Coli, E Coli

CATALOG # AAA48444	HOST E Coli	APPLICATIONS SDS-Page
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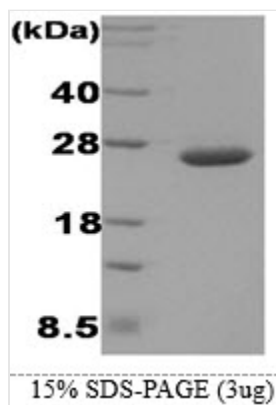
PRODUCT SYNONYMS

Disulfide-bond isomerase (DsbC); 21-236 aa; E Coli; Disulfide-bond isomerase C; dsbC; xprA; Disulfide-bond isomerase (DsbC) E Coli; Thiol:disulfide interchange protein dsbC; Disulfide-bond isomerase C Thiol:disulfide interchange protein dsbC.; DsbC recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95% by SDS-PAGE
Form/Format	Liquid. 20mM Tris pH 7.5, 2mM EDTA
Concentration	1 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MDDAAIQTL AKMGIKSSDI QPAPVAGMKT VLTNSGVLYI TDDGKHIIQG PMYDVSGTAP VNVTNKMLLK QLNALEKEMI VYKAPQEKHV ITVFTDITCG YCHKLHEQMA DYNALGITVR YLAFPRQGLD SDAEKEMKAI WCAKDKNKAF DDVMAGKSVa PASCVDIAD HYVLGVQLGV SGTPAVVLSN GTLVPGYQPP KEMKEFLDEH QKMTSGK
Sequence Length	236
Applicable Applications for DsbC recombinant protein	SDS-PAGE
Antigen Species	Human
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for DsbC recombinant protein	Recombinant Disulfide Oxidoreductase (rDsbA), produced from E Coli is a periplasmic protein and thioredoxin superfamily member which introduces disulfide bonds directly into substrate proteins by donating the disulfide bond in its active-site Cys30-Pro31-His32-Cys33 to a pair of cysteines in substrate proteins. DsbA consists of 208 amino acids containing signal peptide (1-19 amino acids). Recombinant DsbA (residues 20-208) was expressed in E. coli and purified by using conventional chromatography techniques.
Product Categories/Family for DsbC recombinant protein	Heat Shock Proteins
References	Peter W., et al. (2002). EMBO 21, 4774-4784; Laura Segatori., et al. (2004). PNAS 27, 10018-10023

NCBI AND UNIPROT INFORMATION

NCBI GI #	242378424
UniProt Accession #	C6EIL5
Molecular Weight	23.4kDa (216aa), confirmed by MALDI-TOF.
NCBI Official Full Name	DsbC[reduced], subunit of protein disulfide oxidoreductase / protein disulfide isomerase

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/disulfide-bond-isomerase-dsbc-recombinant-protein-e-coli-sds-page/48444>