

Disulfide oxidoreductase (DsbA) Recombinant Protein | DsbA recombinant protein

Disulfide oxidoreductase (DsbA), 20-208 aa, E Coli, E Coli

CATALOG # AAA48443	HOST E Coli	APPLICATIONS SDS-Page
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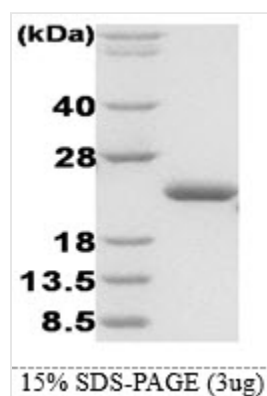
PRODUCT SYNONYMS

Disulfide oxidoreductase (DsbA); 20-208 aa; E Coli; Disulfide oxidoreductase A; dsbA; rpbB; Disulfide oxidoreductase (DsbA) E Coli; DsDNA-binding protein A; Double-stranded DNA-binding protein; Disulfide oxidoreductase A periplasmic protein disulfide isomerase I; Thiol disulfide interchange protein dsbA.; DsbA 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	MAQYEDGKQY TTLEKPVAGA PQVLEFFSFF CPHCYQFEEDV LHISDNVKKK LPEGVKMTKY HVNFMGGDLG KDLTQAWAVA MALGVEDKVT VPLFEGVQKT QTIRSASDIR DVFINAGIKG EEYDAAWNSF VVKSLVAQQE KAAADVQLRG VPAMFVNGKY QLN PQGMDTS NMDVVFQYA DTVKYLSEKK
Sequence Length	208
Applicable Applications for DsbA recombinant protein	SDS-PAGE
Domain	20-208aa
Tag	Non-Tagged
Preparation and Storage	Can be stored at 2°C to 8°C for one week. For long term storage, aliquot and store at -20°C or -80°C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

ADDITIONAL INFORMATION

Related Product Information for DsbA recombinant protein	Description: 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.
Product Categories/Family for DsbA recombinant protein	Heat Shock Proteins
References	Charbonnier, J. B. et al. (1999). Protein Sci. 8:96-105; Inaba, K. et al. (2004). J. Biol. Chem. 279:6761-6768.

NCBI AND UNIPROT INFORMATION

NCBI GI #	16131701
NCBI GeneID	948353
NCBI Accession #	NP_418297
NCBI GenBank Nucleotide #	NC_000913.3
UniProt Accession #	P0AEG4; P24991; Q2M8F8; Q46951; Q46952
Molecular Weight	21.2kDa (190aa), confirmed by MALDI-TOF.
NCBI Official Full Name	periplasmic protein disulfide isomerase I
NCBI Official Symbol	dsbA
NCBI Official Synonym Symbols	dsf; ECK3852; iarA; JW3832; ppfA
NCBI Protein Information	periplasmic protein disulfide isomerase I
UniProt Protein Name	Thiol:disulfide interchange protein DsbA
UniProt Gene Name	dsbA
UniProt Synonym Gene Names	dsf; ppfA

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.