

Disulfide Oxidoreductase Recombinant Protein | DsbA recombinant protein

Recombinant Disulfide Oxidoreductase

CATALOG # AAA38248	HOST E Coli
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PRODUCT SYNONYMS

Disulfide Oxidoreductase; Recombinant Disulfide Oxidoreductase; DsbA; Thiol:disulfide interchange protein dsbA.; DsbA 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	The protein was lyophilized after from a sterile solution containing 50mM sodium phosphate buffer and 100mM sodium chloride.
Sequence	Thesequenc eofthefirs tfiveN-ter minalamino acidswasde terminedan dwasfoundt obeMet-Ly- Lys-Ala-Tr p
Sequence Length	208
Physical Appearance	Sterile Filtered White lyophilized (freeze-dried) powder.
Solubility	It is recommended to reconstitute the lyophilized DsbA in sterile 18M Omega -cm H2O not less than 100 ug/ml, which can then be further diluted to other aqueous solutions.
Preparation and Storage	Lyophilized DsbA although stable at room temperature for 3 weeks, should be stored desiccated below -18 degree C. Upon reconstitution DsbA should be stored at 4 degree C between 2-7 days and for future use below -18 degree C.For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please prevent freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for DsbA recombinant protein	Description: Disulfide Oxidoreductase produced in E Coli is a periplasmic protein isolated from E Coli, containing 208 amino acids having a molecular mass of 23,149 Dalton. The DsbA is purified by proprietary chromatographic techniques.
Product Categories/Family for DsbA recombinant protein	Enzymes; Reductase

NCBI AND UNIPROT INFORMATION

NCBI GI #	16131701
NCBI GeneID	948353
NCBI Accession #	NP_418297.1
NCBI GenBank Nucleotide #	NC_000913.3
UniProt Accession #	P0AEG4 ; P24991 ; Q2M8F8 ; Q46951 ; Q46952
Molecular Weight	23,105 Da
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
UniProt Entry Name	DSBA_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://www.aaabiotech.com/dsba-recombinant-protein-e-coli/38248>