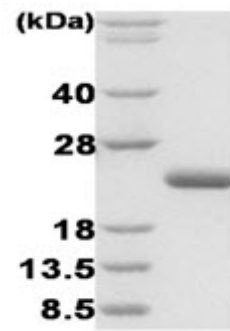


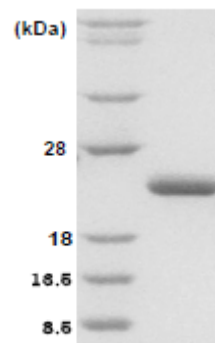
SA6032**Disulfide Oxidoreductase - Purified**

Alternate names:	JW3832, Thiol:disulfide interchange protein dsbA, b3860, dsbA, dsf, ppfA
Quantity:	0.1 mg
Concentration:	1.0 mg/ml
Background:	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).
Uniprot ID:	POAEG4
NCBI:	AP_003947
GeneID:	948353
Source:	E. coli
Format:	State: Liquid protein Purity: >95% by SDS-PAGE Buffer System: 2 0mM Tris pH 7.5 , 2 mM EDTA
Description:	Recombinant DsbA (residues 20-208) was expressed in E. coli and purified by using conventional chromatography techniques. AA Sequence: AQYEDGKQYT TLEKPVAGAP QVLEFFSFFC PHCYQFEEVL HISDNVKKKL PEGVKMTKYH VNFMGDDLK DLTQAWAVAM ALGVEDKVTV PLFEGVQKTQ TIRSASDIRD VFINAGIKGE EYDAAWNSFV VKSLVAQQEK AAADVQLRGV PAMFVNGKYQ LNPQGMDSN MDV FVQYAD TVKYLSEKK Molecular weight: 21.1 kDa (189 aa)
Storage:	Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	1. Charbonnier, J. B. et al. (1999). Protein Sci. 8:96-105 2. Inaba, K. et al. (2004). J. Biol. Chem. 279:6761-6768.

Pictures:



15% SDS-PAGE (3ug)



15% SDS PAGE