

## Product datasheet for SA6032X

### Disulfide Oxidoreductase Escherichia coli Protein

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Disulfide Oxidoreductase recombinant protein, 0.5 mg
<b>Species:</b>	Escherichia coli
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	AQYEDGKQYT TLEKPVAGAP QVLEFFSFFC PHCYQFEEVL HISDNVKKKL PEGVKMTKYH VNFMGDLGK DLTQAWAVAM ALGVEDKVTV PLFEGVQKTQ TIRSASDIRD VFINAGIKGE EYDAAWNSFV VKSLVAQQEK AAADVQLRGV PAMFVNGKYQ LNPQGMDTSN MDVVFVQYAD TVKYLSEKK
<b>Predicted MW:</b>	21.1 kDa
<b>Concentration:</b>	lot specific
<b>Purity:</b>	>95% by SDS-PAGE
<b>Buffer:</b>	Presentation State: Purified State: Liquid protein Buffer System: 2.0 mM Tris pH 7.5 , 2 mM EDTA
<b>Preparation:</b>	Liquid protein
<b>Protein Description:</b>	Recombinant DsbA (residues 20-208) was expressed in E. coli and purified by using conventional chromatography techniques.
<b>Storage:</b>	Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C. Avoid repeated freezing and thawing.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>Summary:</b>	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).



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## Product images:

