

## **Product datasheet for SA6032X**

## OriGene Technologies, Inc.

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## Disulfide Oxidoreductase Escherichia coli Protein

**Product data:** 

**Product Type:** Recombinant Proteins

**Description:** Disulfide Oxidoreductase recombinant protein, 0.5 mg

**Species:** Escherichia coli

**Expression Host:** E. coli

**Expression cDNA Clone** 

or AA Sequence:

AQYEDGKQYT TLEKPVAGAP QVLEFFSFFC PHCYQFEEVL HISDNVKKKL PEGVKMTKYH VNFMGGDLGK DLTQAWAVAM ALGVEDKVTV PLFEGVQKTQ TIRSASDIRD VFINAGIKGE

EYDAAWNSFV VKSLVAQQEK AAADVQLRGV PAMFVNGKYQ LNPQGMDTSN MDVFVQQYAD

TVKYLSEKK

Predicted MW: 21.1 kDa

Concentration: lot specific

**Purity:** >95% by SDS-PAGE

**Buffer:** Presentation State: Purified

State: Liquid protein

Buffer System: 2 0 mM Tris pH 7.5, 2 mM EDTA

**Preparation:** Liquid protein

**Protein Description:** Recombinant DsbA (residues 20-208) was expressed in E. coli and purified by using

conventional chromatography techniques.

Storage: Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C. Avoid repeated freezing and

thawing.

**Stability:** Shelf life: one year from despatch.

Summary: Recombinant Disulfide Oxidoreductase (rDsbA), produced from E.Coli is a periplasmic protein

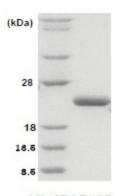
and thioredoxin superfamily member which introduces disulfide bonds directly into substrate proteins by donating the disulfide bond in its active-site Cys30-Pro31-His32-Cys33 to a pair of cysteines in substrate proteins. DsbA consists of 208 amino acids containing signal peptide(1-

19 amino acids).





## **Product images:**



15% SDS PAGE