

DsbA Recombinant Protein



RPPB1585

Product Information Protein Information

Product SKU:

RPPB1585

Accession:

P0AEG4

Host:

Escherichia Coli.

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.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

DsbA, Thiol:disulfide interchange protein dsbA.

Formulation:

The protein was lyophilized after from a sterile solution containing 50mM sodium phosphate buffer and 100mM sodium chloride.

Purity:

Greater than 95.0% as determined by(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized DsbA in sterile 18MΩ-cm H₂O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized DsbA although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution DsbA should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Amino Acid Sequence:

The sequence of the first five N-terminal amino acids was determined and was found to be Met-Ly-Lys-Ala-Trp.