

Product Datasheet

Recombinant *E. coli* Thioredoxin Reductase 1/TRXR1 Protein NBP1-44981

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-44981Recombinant *E. coli* Thioredoxin Reductase 1/TRXR1 Protein

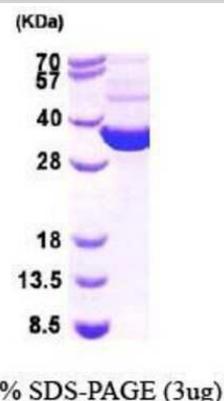
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>90%, by SDS-PAGE
Buffer	20 mM Tris-HCl buffer (pH8.0), 1 mM DTT, 10% glycerol
Target Molecular Weight	34.6 kDa

Product Description	
Description	<p>An un-tagged recombinant protein corresponding to the amino acids 1-321 of <i>E.coli</i> Thioredoxin Reductase 1/TRXR1</p> <p>Source: <i>E.coli</i></p> <p>Amino Acid Sequence: MGTTKHSKLL ILGSGPAGYT AAVYAARANL QPVLITGMEK GGQLTTTTEV ENWPGDPNDL TGPLLMMERMH EHATKFETEI IFDHINKVDL QNRPFRLNGD NGEYTCDALI IATGASARYL GLPSEEAFKG RGVSACATCD GFFYRNQKVA VIGGGNTAVE EALYLSNIAS EVHLIHRRDG FRAEKILIKR LMDKVENGNI ILHTNRTLEE VTGDQMGVTG VRLRDTQNSD NIESLDVAGL FVAIGHSPNT AIFEGQLELE NGYIKVQSGI HGNATQTSIP GVFAAGDVMD HIYRQAITS A GTGCMAALDA ERYLDGLADA K</p>
Gene ID	7296
Gene Symbol	TXNRD1
Species	<i>E. coli</i>
Details of Functionality	Specific activity is > 10 units/mg, and was measured in a coupled assay with DTNB and NADPH. The amount of TNB generated by NADPH was measured in absorbance at 412nm.

Product Application Details	
Applications	SDS-Page, Enzyme Activity
Recommended Dilutions	SDS-Page, Enzyme Activity

Images

SDS-Page: thioredoxin reductase 1 Protein [NBP1-44981] - TRXB, 34.6 kDa (321aa), confirmed by MALDI-TOF with a purity of 90% by SDS - PAGE





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Products Related to NBP1-44981

NBP1-44456	Recombinant Human Thioredoxin Reductase 1/TRXR1 His Protein
DY417-05	IL-10 [Biotin]
MAB7428	Thioredoxin Reductase 1/TRXR1 Antibody (489804)
NB300-109	Tyrosine Hydroxylase Antibody

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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