

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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Updated 10/23/2024 v.20.1

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

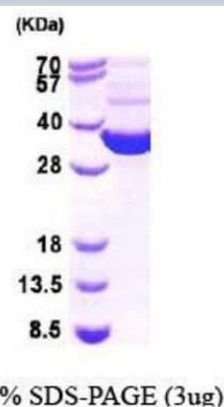
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>90%, by SDS-PAGE
Buffer	20 mM Tris-HCl buffer (pH8.0), 1 mM DTT, 10% glycerol
Target Molecular Weight	34.6 kDa

Product Description	
Description	<p>An un-tagged recombinant protein corresponding to the amino acids 1-321 of E.coli 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 GLPSEEAFFKG RGVSAACATCD GFFYRNQKVA VIGGGNTAVE EALYLSNIAS EVHLIHRDGFRAEKILIKR LMDKVENGNI ILHTNRTLEE VTGDQMGVTG VRLRDTQNSD NIESLDVAGL FVAIGHSPNT AIFEGQLELE NGYIKVQSGI HGNATQTSIP GVFAAGDVMD HIYRQAITS A GTGCMAALDA ERYLDGLADA K</p>
Gene ID	7296
Gene Symbol	TXNRD1
Species	E. coli
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





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-
techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

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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