

Product Datasheet

Recombinant Human Thioredoxin Reductase 1/TRXR1 His Protein NBP1-50928-0.05mg

Unit Size: 0.05 mg

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

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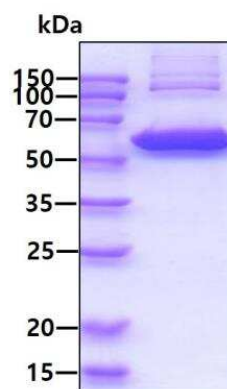


NBP1-50928-0.05mg**Recombinant Human Thioredoxin Reductase 1/TRXR1 His Protein**

Product Information	
Unit Size	0.05 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	20mM Tris-HCl buffer (pH8.0), 30% glycerol, 0.1mM PMSF, 0.1M NaCl
Target Molecular Weight	55.9 kDa
Product Description	
Description	A bioactive recombinant protein with a N-Terminal His-tag and corresponding to the amino acids 161-649 of Human Thioredoxin Reductase 1/TRXR1 Source: <i>E.coli</i> Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MYDYDLIIG GGSGGLAAAK EAAQYGKKVM VLDFVTPTPL GTRWGLGGTC VNVGCIPKKL MHQAALLGQA LQDSRNYGWK VEETVKHDWD RMIEAVQNH GSLNWGYRVA LREKKVYEN AYGQFIGPHR IKATNNKGKE KIYSAERFLI ATGERPRYLG IPGDKEYCIS SDDLFSLPYC PGKTLVVGAS YVALECAGFL AGIGLDVTVM VRSILLRGFD QDMANKIGEH MEEHGIKFIR QFVPIKVEQI EAGTPGRLRV VAQSTNSEEI IEGEYNTVML AIGRDACTRK IGLETVGVKI NEKTGKIPVT DEEQTNVPYI YAIGDILEDK VELTPVAIQA GRLLAQRLYA GSTVKCDYEN VPTTVFTPL YGACGLSEEK AVEKFGEENI EVYHSYFWPL EWTIPSRDNN KCYAKIICNT KDNERVVGFFH VLGPNAGEVT QGFAAALKCG LTKKQLDSTI GIHPVCAEVF TTLSVTKRSG ASILQAGCCG
Gene ID	7296
Gene Symbol	TXNRD1
Species	Human
Details of Functionality	Specific activity is > 15 units/mg, and was measured in a coupled assay with 5,5-Dithiobis(2-nitrobenzoic acid) (DTNB) and NADPH. The amount of TNB generated by NADPH was measured in absorbance at 412 nm.
Product Application Details	
Applications	SDS-Page, Enzyme Activity
Recommended Dilutions	SDS-Page, Enzyme Activity

Images

SDS-Page: Recombinant Human Thioredoxin Reductase 1/TRXR1 Protein [NBP1-50928] - 3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain





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Products Related to NBP1-50928-0.05mg

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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