

Human TrxR1 protein, His tag (active)

Cat. No. GTX67175-pro

Applications Functional Assay**Species** Human**Package**

100 µg

Applications

Application Note

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.

Properties

Form Liquid**Buffer** PBS, 10% Glycerol**Preservative** No preservatives**Storage** Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.**Concentration** 0.5 mg/ml (Please refer to the vial label for the specific concentration.)**Region/Sequence**

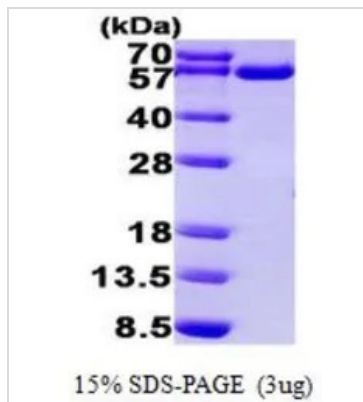
N-terminal His-Tag; Length: 508 a.a. Sequence: MGSSHHHHHH SSGLVPRGSH MYDYDLIIIG GSGGGLAAAK EAAQYGKKVM VLDFVTPPL GTRWGLGGTC VNVGCIPKKL MHQAALLGQA LQDSRNYGWK VEETVKHDWD RMIEAVQNH I GSLNWGYRVA LREKKVVYEN AYGQFIGPHR IKATNNKGKE KIYSAERFLI ATGERPRYL G IPGDKEYCIS SDDLFSLPYC PGKTLVVGAS YVALECAGFL AGIGLDVTVM VRSILLRGFD QDMANKIGE H MEEHGKIFIR QFVPIKVEQ I EAGTPGRLRV VAQSTNSEE I IEGEYNTVML AIGRDACTRK IGLETVGVKI NEKTGKIPVT DEEQTNVPYI YAIGDILEDK VELTPVAIQA GRLLAQRLYA GSTVKCDYEN VPTTVFTPLE YGACGLSEEK AVEKFGEENI EVYHSYFWPL EWTIPSRDNN KCYAKIICNT KDNERVVG FH VLGPNAGEVT QGFAAALKCG LTKKQLDSTI GIHPVCAEVF TTLSVTKRSG ASILQAGC

Expression System E. coli**Purity** > 95% by SDS-PAGE.**Conjugation** Unconjugated**Note** For In vitro laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

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DATA IMAGES



GTX67175-pro Image

3 μ g of GTX67175-pro Human TrxR1 protein (active) by SDS-PAGE under reducing condition and visualized by coomassie blue stain



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