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Product Datasheet

Recombinant human Thioredoxin Reductase 1/TXNRD1 protein NBS-PAT-3P1XYK-100

Article Name	Recombinant human Thioredoxin Reductase 1/TXNRD1 protein
Biozol Catalog Number	NBS-PAT-3P1XYK-100
Supplier Catalog Number	PAT-3P1XYK-100
Alternative Catalog Number	NBS-PAT-3P1XYK-100
Manufacturer	Nordic BioSite
Category	Proteine/Peptide
Application	EP, FA
Species Reactivity	Human
Product Description	TXNRD1, also known as Thioredoxin reductase 1, is a part of a selenium-containing pyridine nucleotide-disulphide oxidoreductase family, which has a conserved catalytic site of Cys-Val-Asn-Val-Gly-Cys. This protein reduces thioredoxins as well as othe...
Concentration	0.5 mg/ml
Molecular Weight	55.7 kDa (508aa) confirmed by MALDI-TOF
Tag	HIS Tag
NCBI	7296
UniProt	Q16881
Buffer	Liquid. In Phosphate Buffered Saline pH7.4 containing 20% glycerol
Purity	>95%

Sequence

YDYDLIIG GSGGLAAAK EAAQYGKKVM VLDFVTPTPL GTRWGLGGTC
VNVGCIPKKL MHQAALLGQA LQDSRNYGWK VEETVKHDWD
RMIEAVQNH I GSLNWGYRVA LREKKVYEN AYGQFIGPHR IKATNKGKE
KIYSAERFLI ATGERPRYL G IPGDKEYCIS SDDLFLPYC PGKTLVVGAS
YVALECAGFL AGIGLDVTVM VRSILLRGFD QDMANKIGEH ME