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## Product Datasheet

### Recombinant human Thioredoxin Reductase 1/TXNRD1 protein NBS-PAT-3P1XYK-20

Article Name	Recombinant human Thioredoxin Reductase 1/TXNRD1 protein
Biozol Catalog Number	NBS-PAT-3P1XYK-20
Supplier Catalog Number	PAT-3P1XYK-20
Alternative Catalog Number	NBS-PAT-3P1XYK-20
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	<a href="#">7296</a>
UniProt	<a href="#">Q16881</a>
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 QDMANKIGE H ME