

Recombinant Human TXNRD1 Protein, His-tagged

Cat. No. TXNRD1-227H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TXNRD1 Protein(Q16881-1) (Tyr 161-Cys 647) was expressed in E.coli, with a polyhistide tag at the N-terminus.
Species	Human
Source	E.coli
ProteinLength	161-647 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	The recombinant human TXNRD1 consisting of 498 amino acids and has a calculated molecular mass of 55 kDa. It migrates as an 60 kDa band in SDS-PAGE under reducing conditions as predicted.
Purity	> 90 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

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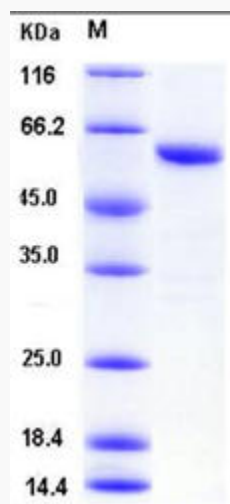
Gene Name	TXNRD1 thioredoxin reductase 1 [Homo sapiens]
Official Symbol	TXNRD1
Synonyms	TXNRD1; thioredoxin reductase 1; thioredoxin reductase 1, cytoplasmic; GRIM 12; Trxr1; TXNR; oxidoreductase; thioredoxin reductase TR1; thioredoxin reductase GRIM-12; KM-102-derived reductase-like factor; gene associated with retinoic and IFN-induced mortality 12 protein; gene associated with retinoic and interferon-induced mortality 12 protein; TR; TR1; TRXR1; GRIM-12; MGC9145;
Gene ID	7296
mRNA Refseq	NM_001093771
Protein Refseq	NP_001087240
MIM	601112
UniProt ID	Q16881

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SDS-PAGE



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