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Datasheet for ABIN1324248

TXNRD1 Protein (AA 1-497) (GST tag)

1 Image

Overview

Quantity:	10 µg
Target:	TXNRD1
Protein Characteristics:	AA 1-497
Origin:	Human
Source:	Wheat germ
Protein Type:	Recombinant
Purification tag / Conjugate:	This TXNRD1 protein is labelled with GST tag.
Application:	Western Blotting (WB), ELISA, Antibody Array (AA), Affinity Purification (AP)

Product Details

Purpose:	TXNRD1 (Human) Recombinant Protein (P01)
Sequence:	MNGPEDLPKS YDYDLIIIGG GSGGLAAAKE AAQYGKKVMV LDFVTPTPLG TRWGLGGTCV NVGCIPKKLM HQAALLGQAL QDSRNYGWKV EETVKHDWDR MIEAVQNHIG SLNWGYRVAL REKKVYENA YGQFIGPHRI KATNNGKKEK IYSAERFLIA TGERPRYLG I PGDKEYCISS DDLFLSPYCP GKTLVVGASY VALECAGFLA GIGLDVTVMV RSILLRGFDQ DMANKIGEHM EEHGIKFIRQ FVPIKVEQIE AGTPGRLRVV AQSTNSEEII EGEYNTVMLA IGRDACTRKI GLETVGVKIN EKTGKIPVTD EEQTNVPYIY AIGDILEDKV ELTPVAIQAG RLLAQRLYAG STVKCDYENV PTTVFTPLEY GACGLSEEKA VEKFGREENIE VYHSYFWPLE WTIPSRDNNK CYAKIICNTK DNERVVGFHV LGPNAGEVTQ GFAAALKCGL TTKQLDSTIG IHPVCAEVFT TLSVTKRSGA SILQAGC
Characteristics:	Human TXNRD1 full-length ORF (NP_877393.1, 1 a.a. - 497 a.a.) recombinant protein with GST-tag at N-terminal.

Product Details

Purification: in vitro wheat germ expression system

Target Details

Target: TXNRD1

Alternative Name: TXNRD1 ([TXNRD1 Products](#))

Background: Full Gene Name: thioredoxin reductase 1
Synonyms: GRIM-12,MGC9145,TR,TR1,TRXR1,TXNR

Gene ID: 7296

NCBI Accession: [NM_182729](#)

Pathways: [Regulation of Lipid Metabolism by PPARalpha](#), [Regulation of Carbohydrate Metabolic Process](#),
[Cell RedoxHomeostasis](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Comment: Preparation method: in vitro, wheat germ expression system
Product Quality tested by: 12.5% SDS-PAGE Stained with Coomassie Blue.

Restrictions: For Research Use only

Handling

Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH =8.0 in the elution buffer.

Handling Advice: Aliquot to avoid repeated freezing and thawing.

Storage: -80 °C

Storage Comment: Best use within three months from the date of receipt of this protein.

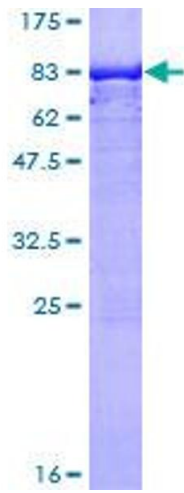


Image 1.