

Recombinant Human TXNRD2 protein, His-SUMO-tagged

Cat. No. TXNRD2-4903H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TXNRD2 protein(Q9NNW7)(37-524aa), fused to N-terminal His-SUMO tag, was expressed in E. coli
Species	Human
Source	E.coli
ProteinLength	37-524aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	68.9 kDa
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

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 45-1 Ramsey Road, Shirley, NY 11967, USA



GENE INFORMATION

Gene Name	TXNRD2 thioredoxin reductase 2 [Homo sapiens]
Official Symbol	TXNRD2
Synonyms	TXNRD2; thioredoxin reductase 2; thioredoxin reductase 2, mitochondrial; selenoprotein Z; thioredoxin reductase beta; TR; TR3; TRXR2; thioredoxin reductase 3; thioredoxin reductase TR3; SELZ; TR-BETA;
Gene ID	10587
mRNA Refseq	NM_006440
Protein Refseq	NP_006431
MIM	606448
UniProt ID	Q9NNW7

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