

Recombinant Human thioredoxin reductase 3 neighbor, His-tagged

Cat. No. TXNRD3NB-287H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TXNRD3NB, 1-133aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-133 a.a.
Description	TXNRD3NB is expressed in pancreas, esophagus, bone marrow and keratinocytes. This protein shares overlapping exons with TXNRD3. The initiation codon is found in exon 3 of the TXNRD3IT1 gene. Recombinant human TXNRD3NB protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Form	Liquid. In 20mM Tris-HCl(pH 8.0) containing 30% glycerol, 0.15M NaCl, 1mM DTT
Molecular Mass	16.7 kDa (156aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMRDLSE RLGQPELKAE QQMPLEPVRA RLSVGLACCC SHTTAEASSL EHGDVFGQG FPSPLEEIKR LLKISRALQA RSVPSTQEKA KCLSGEPGQP EGKGQETYPG PGKVEGKAEP AMRKDDVCPG MKCISG
Purity	>85% by SDS - PAGE

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Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	0.25mg/ml (determined by Bradford assay)
GENE INFORMATION	
Gene Name	TXNRD3NB <thioredoxin 3="" [?homo=""]<="" neighbor="" reductase="" sapiens?(human)="" th=""></thioredoxin>
Official Symbol	TXNRD3NB
Synonyms	TXNRD3NB; TR2IT1; TXNRD3IT1; TXNRD3NT1; thioredoxin reductase 3 neighbor; protein TXNRD3NB; TXNRD3 neighbor gene protein; thioredoxin reductase 3 new transcript 1; thioredoxin reductase 2 intronic transcript 1; thioredoxin reductase 3 intronic transcript 1; thioredoxin reductase 3 neighbor gene protein
Gene ID	645840
mRNA Refseq	NM_001039783
Protein Refseq	NP_001034872
UniProt ID	Q6F5E7
Chromosome Location	3q21.3
Pathway	Selenium Metabolism and Selenoproteins; Selenium Pathway

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