

AR51193PU-S**Human TXNRD3NB (1-133, His-tag) - Purified****Alternate names:**

TR2IT1, TXNRD3IT1, TXNRD3NT1

Quantity:

20 µg

Concentration:

0.25 mg/ml (determined by Bradford assay)

Background:

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.

Uniprot ID:[Q6F5E7](#)**NCBI:**[NP_001034872](#)**GeneID:**[645840](#)**Species:**

Human

Source:

E. coli

Format:**State:** Liquid purified protein**Purity:** >85% by SDS - PAGE**Buffer System:** 20 mM Tris-HCl(pH 8.0) containing 30% glycerol, 0.15M NaCl, 1mM DTT**Description:**

Recombinant human TXNRD3NB protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

AA Sequence:

MGSSHHHHH SGLVPRGSH MGSMDLSEK RLGQPELKAE QQMPLEPVRA RLSVGLACCC
SHTTAEASSL EHGDKVFGQG FSPPLEEIKR LLKISRALQA RSVPTQEKA KCLSGEPGQP
EGKGQETYPG PGKVEGKAEP AMRKDDVCPG MKCISG

Molecular weight: 16.7 kDa (156aa) confirmed by MALDI-TOF**Storage:**

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

General Readings:

Matsuzaka Y, Okamoto K, et al. (2005), Mamm Genome.16(1):41-9.

Pictures: