

Recombinant human TXNRD3NB protein

Catalog Number: ATGP2370

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-133aa

UniProt No.

Q6F5E7

NCBI Accession No.

NP_001034872.1

Alternative Names

Thioredoxin reductase 3 neighbor, TR2IT1, TXNRD3IT1, TXNRD3NT1

PRODUCT SPECIFICATION

Molecular Weight

16.7 kDa (156aa) confirmed by MALDI-TOF

Concentration

0.25mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 30% glycerol, 0.15M NaCl, 1mM DTT

Purity

> 85% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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.

Amino acid Sequence

<MGSSHHHHHH SSGLVPRGSH MGS>MRDLSER RLGQPELKAE QQMPLEPVRA RLSVGLACCC SHTTAEASSL

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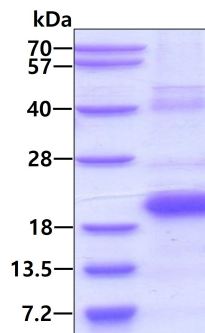
EHGDKVFGQG FPSPLEEIKR LLKISRALQA RSVPTQKEA KCLSGEPGQP EGKGQETYPG PGKVEGKAEP AMRKDDVCPG
MKCISG

General References

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

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.