



TXNRD3NB, 1-133aa, Human, His tag, E.coli

Cat.NO.: TP04362

3th Edition

Synonyms: Thioredoxin reductase 3 neighbor, TR2IT1, TXNRD3IT1, TXNRD3NT1

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 Weight: 16.7 kDa (156aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSMRDLSEERLGQPELKAEQQMPLEPVRARLSVGLACCCSHTTAEASSLEHG
DKVFGQGFPSPLEEIKRLLKISRALQARSVPSTQEKAKCLSGEPGQPEGKQETYPGPGKVEGKAEPAMRKDDVC
PGMKCISG

Purity: > 95% by HPLC

Concentration: 0.25mg/ml (determined by Bradford assay)

Endotoxin Level: <1.0 EU per 1 ug of protein (determined by LAL method)

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.