

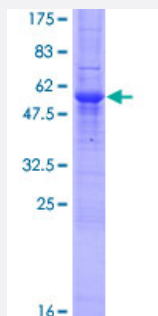
Full-Length

TXNDC (Human) Recombinant Protein (P01)

Catalog # H00081542-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human TXNDC full-length ORF (NP_110382.2, 1 a.a. - 280 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAPSGSLAVPLAVMVPLLWGAPWTHGRRSNVRVITDENWRELLEGDWMIEFYAPWCPACQNLQ
PEWESFAEWGEDLEVNIKVDVTEQPGLSGRFIINALPTYHCKDGEFRRYQGPRTKKDFINFISDK
EWKSIEPVSSWFGPGSVLMSSMSALFQLSMWIRTCHNYFIEDLGLPVWGSYTVFALATLFSGLLL
GLCMIFVADCLCPSKRRRPQYPYPSKKLLSESAQPLKKVEEEQEAEDEEDVSEEEAESKEGTNK
DFPQNAIRQRSLGPSLATDKS

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

58.2

Interspecies Antigen Sequence

Mouse (76); Rat (78)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — TXNDC1

Entrez GeneID[81542](#)**GeneBank Accession#**[NM_030755.3](#)**Protein Accession#**[NP_110382.2](#)**Gene Name**

TXNDC1

Gene Alias

DKFZp564E1962, TMX, TXNDC

Gene Description

thioredoxin domain containing 1

Omim ID[610527](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

TXNDC1 is a thioredoxin (TXN; see MIM 187700)-related protein with disulfide reductase activity (Matsuo et al., 2001 [PubMed 11152479]).[supplied by OMIM]

Other Designations

thioredoxin domain-containing|thioredoxin-related transmembrane protein