

TXNDC3 (Human) Recombinant Protein (P01)

Catalog # : H00051314-P01

規格 : [10 ug] [25 ug]

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Specification

Product Description: Human TXNDC3 full-length ORF (NP_057700.2, 1 a.a. - 588 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:
 MASKKREVQLQTVINNQSLWDEMLQNKGLTVIDVYQAWCGPCRAMQPL
 FRKLKNELNEDEILHFVAEADNIVTLQPFDRDKCEPVFLFSVNGKIIKIQG
 ANAPLVNKKVINLIDEERKIAAGEMARPQYPEIPLVDSSEVSEESPCESV
 QELYSIAIKPDAVISKKVLEIKRKITKAGFIIIEAEHKTVLTEEQVVFYSRIAD
 QRDFEEFVSFMTSGLSYILVVSQGSKHNPSEETEPQTDTEPNERSEDQ
 PEVEAQVTPGMMKNKQDSLQEYLERQHLAQLCDIEEDAANVAKFMDAF
 FPDFKKMKSMKLEKTLALLRPNLFHERKDDVLRIIKDEDFKILEQRQVVL
 EKEAQUALCKEYENEDYFNKLIENMTSGPSLALVLLRDNGLQYWKQLLGP
 RTVEEAIEYFPESLCAQFAMDSPVNQLYGSDSLETAEREIQHFFPLQST
 LGLIKPHATSEQREQILKIVKEAGFDLTQVKKMFLTPEQTEKIYPKVTGKD
 FYKDLLEMLSVGPSMMILTKWNAVAEWRRLMGPTDPEEAKLLSPDSIR
 AQFGISKLKNIVHGASNAYEAKEVNRLEFEDPEEN

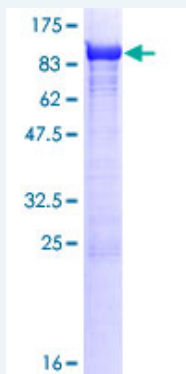
Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 93.7

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.

MSDS: [Download](#)

Datasheet: [Download](#)

Application Image

Enzyme-linked Immunoabsorbent Assay

Western Blot (Recombinant protein)

Antibody Production

Protein Array

Applications

Enzyme-linked Immunosorbent Assay

Western Blot (Recombinant protein)

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Gene Information

Entrez GeneID: [51314](#)

GeneBank Accession#: [NM_016616.2](#)

Protein Accession#: [NP_057700.2](#)

Gene Name: TXNDC3

Gene Alias: CILD6,NME8,SPTRX2

Gene Description: thioredoxin domain containing 3 (spermatozoa)

Omim ID: [607421](#), [610852](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: TXNDC3 encodes a group II thioredoxin protein, composed of a thioredoxin domain and 3 NDP kinase domains, with testis-specific expression.[supplied by OMIM]

Other Designations: NM23-H8,OTTHUMP00000025334,sperm-specific thioredoxin 2,thioredoxin domain containing 3,thioredoxin domain-containing 3 (spermatozoa)

Related Disease

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