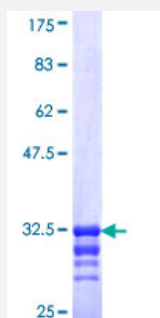


TXNDC3 (Human) Recombinant Protein (Q01)

Catalog # H00051314-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human TXNDC3 partial ORF (NP_057700, 530 a.a. - 586 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	AEWRRLMGPTDPEEAKLLSPDSIRAQFGISKLNIVHGASNAYEAKEVVNRLFEDPE
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	32.01
Interspecies Antigen Sequence	Mouse (63); Rat (60)
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 — TXNDC3

Entrez GeneID	51314
GeneBank Accession#	NM_016616
Protein Accession#	NP_057700
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)

Disease

- [Genetic Predisposition to Disease](#)
- [Osteoarthritis](#)
- [Tobacco Use Disorder](#)