

Product datasheet for **TP307744L**

TXNDC3 (NME8) (NM_016616) Human Recombinant Protein

Product data:

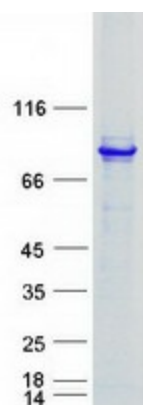
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human thioredoxin domain containing 3 (spermatozoa) (TXNDC3), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC207744 protein sequence Red =Cloning site Green =Tags(s)
	<p>MASKKREVQLQTVINNQSLWDEMLQNKGLTVIDVYQAWCGPCRAMQPLFRKLKNELNEDEILHFAVAE AD NIVTLQPFDRDKCEPVFLFSVNGKIIKIQGANAPLVNKKVINLIDEERKIAAGEMARPQYPEIPLVSDSDS EVSEESPCESVQELYSIAIKPDAVISKKVLEIKRKITKAGFIEAEHKTTLTEEQVVNFYSRIADQRDF EEFVSFMTSGLSYILVVSQGSKHNPPEETEPQTDTEPNERSEDQPEVEAQVTPGMMKNKQDSLQEYLER QHLAQLCDIEEDAANVAKFMDAFFPDFKKMKSMKLEKTLALLRPNLFHERKDDVLRRIKDEDFKILEQRQ VVLSEKEAQALCKEYENEDYFNKLIENMTSGPSLALVLLRDNGLQYWKQLLGPRTEVEAIEYFPESLCAQ FAMDSLVPVNQLYGSDSLETAEREIQHFFPLQSTGLIKPHATSEQREQILKIVKEAGFDLTQVKKMFLTP EQTEKIYPKVTGKDFYKDLLEMLSVGSPSMVMILTKWNAVAEWRRMLMGPTDPEEAKLLSPDSIRAQFGISK LKNIVHGASNAYEAEKEVVNRLFEDPEEN</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	67.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_057700</u>
Locus ID:	51314
UniProt ID:	<u>Q8N427</u>
RefSeq Size:	2327
Cytogenetics:	7p14.1
RefSeq ORF:	1764
Synonyms:	CILD6; DNAI8; HEL-S-99; NM23-H8; sptrx-2; SPTRX2; TXNDC3
Summary:	This gene encodes a protein with an N-terminal thioredoxin domain and three C-terminal nucleoside diphosphate kinase (NDK) domains, but the NDK domains are thought to be catalytically inactive. The sea urchin ortholog of this gene encodes a component of sperm outer dynein arms, and the protein is implicated in ciliary function. Mutations in this gene are implicated in primary ciliary dyskinesia type 6.[provided by RefSeq, Nov 2009]
Protein Families:	Druggable Genome

Product images:



Coomassie blue staining of purified NME8 protein (Cat# [TP307744]). The protein was produced from HEK293T cells transfected with NME8 cDNA clone (Cat# [RC207744]) using MegaTran 2.0 (Cat# [TT210002]).