

Product datasheet for PH307744

TXNDC3 (NME8) (NM_016616) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TXNDC3 MS Standard C13 and N15-labeled recombinant protein (NP_057700)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC207744
Predicted MW:	67.3 kDa
Protein Sequence:	>RC207744 protein sequence Red =Cloning site Green =Tags(s)

MASKKREVQLQTVINNQSLWDEMLQNKGLTVIDVYQAWCGPCRAMQPLFRKLKNELNEDEILHFAVAEAD
 NIVTLQPFDRDKCEPVFLFSVNGKIIIEKIQGANAPLVNKKVINLIDEERKIAAGEMARQYPEIPLVDSDS
 EVSEESPCESVQELYSIAIIKPDAVISKKVLEIKRKITKAGFIIIEAEHKTVLTEEQVVFYSRIADQRDF
 EEFVSFMTSGLSYILVVSQGSKHNPPEETEPQTDTEPNERSEDQPEVEAQVTPGMMKNKQDSLQEYLER
 QHLAQLCDIEEDAANVAKFMDAFFPDFKKMKSMKLEKTLALLRPNLFHERKDDVLRRIKDEDFKILEQRQ
 VVLSEKAQALCKEYENEDYFNKLIENMTSGPSLALVLLRDNGLYWKQLLGPRTVEEAIEYFPESLCAQ
 FAMDSLVPVQLYGSDSLETAEREIQHFPLQSTLGLIKPHATSEQREQILKIVKEAGFDLTQVKKMFLTP
 EQTEKIYPKVTGKDFYKDLEMLSVGSPSMVILTKWNAVAEWRRMLMGPTDPEEAKLLSPDSIRAQFGISK
 LKNIVHGASNAYEAEKVNRLFEDPEEN

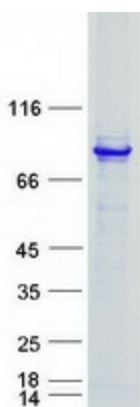
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_057700
RefSeq Size:	2327
RefSeq ORF:	1764


[View online »](#)

Synonyms:	CILD6; DNAI8; HEL-S-99; NM23-H8; sptrx-2; SPTRX2; TXNDC3
Locus ID:	51314
UniProt ID:	<u>Q8N427</u>
Cytogenetics:	7p14.1
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]).