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Product datasheet for RC207744L3V

TXNDC3 (NME8) (NM_016616) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	TXNDC3 (NME8) (NM_016616) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TXNDC3
Synonyms:	CILD6; DNAI8; HEL-S-99; NM23-H8; sptrx-2; SPTRX2; TXNDC3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_016616
ORF Size:	1764 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207744).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_016616.2, NP_057700.2
RefSeq Size:	2327 bp
RefSeq ORF:	1767 bp
Locus ID:	51314
UniProt ID:	Q8N427
Cytogenetics:	7p14.1
Protein Families:	Druggable Genome
MW:	67.3 kDa

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Gene 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]