

Product datasheet for SC309255

TXNDC6 (NME9) (NM_178130) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TXNDC6 (NME9) (NM_178130) Human Untagged Clone
Tag:	Tag Free
Symbol:	TXNDC6
Synonyms:	NM23-H9; NXL2; TXL-2; TXL2; TXNDC6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC309255 representing NM_178130. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGCTCAGTTCCAAAGGACTAACTGTTGTTGATGTCTATCAAGGCTGGTGTGGCCCTGCAAACCTGTG
 GTGAGCCTCTCCAGAAGATGAGGATCGAGGTCCGCTGGACCTTCTGCACTTTGCATTAGCAGAGGCA
 GATCGTCTTGATGTCCTCGAAAAGTACAGAGGGAAGTGCAGCCAACCTTTCTGTTTTATGCAATTTAA
 GATGAGGCTCTTTCTGATGAAGATGAATGTGTTTCCCATGGAAAGAATAATGGTGAAGATGAGGACATG
 GTTTCATCAGAGAGGACCTGTACCTTGCCATCATTAACCAGATGCAGTGGCCCATGGAAGACTGAT
 GAGATTATCATGAAGATTCAGGAAGCTGGGTTTGAATTCTAACAAATGAAGAGAGAACCATGACAGAG
 GCAGAAGTGCAGCTTTTCTACCAACACAAAGCTGGAGAGGAGGCATTTGAGAAGCTGGTACATCACATG
 TGCAGTGGACCAAGCCACCTCCTGATCCTCACCAGGACTGAGGGCTTCGAGGACGTGGTCACTACCTGG
 CGAACCGTCATGGGCCCCCGTGACCCCAATGTGGCCAGGAGGGAGCAGCCAGAAAGTCTCCGAGCTCAG
 TACGGCACAGAAATGCCCTTCAATGCCGTCCATGGAAGCCGGGACAGAGAAGATGCTGACAGAGAACTG
 GCATTGCTCTTCCCAGTTTGAATTTTCAGACAAAGATACAGAAGCCCCCTCAGGGTGAGTCCAGTACA
 CAGCCAAGGTTGAAGATCACTGACCTAGACTAA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGCCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_178130
Insert Size:	792 bp


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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_178130.3</u>
RefSeq Size:	2133 bp
RefSeq ORF:	792 bp
Locus ID:	347736
UniProt ID:	<u>Q86XW9</u>
Cytogenetics:	3q22.3
Protein Families:	Druggable Genome
MW:	29.7 kDa
Gene Summary:	May be a regulator of microtubule physiology.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 5' UTR and coding sequence, the 3' UTR and coding sequence, and lacks an alternate in-frame exon compared to variant 1. The resulting isoform (b) is shorter at the N-terminus, has a shorter and distinct C-terminus, and lacks an alternate internal segment compared to isoform a.