

Product datasheet for **SC100975**

TMEM188 (CNEP1R1) (NM_153261) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM188 (CNEP1R1) (NM_153261) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM188
Synonyms:	C16orf69; NEP1-R1; NEP1R1; TMEM188; TMP125
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_153261, the custom clone sequence may differ by one or more nucleotides

```

ATGAACTCGCTGGAGCAGGCGGAAGCCCCGCGAGTTGTATCCCTGATTCCTGCGGTGGTTTCCGGTAACT
GCCAAGATCTCAAGGCTTTTGAGAGGAGACTTACTGAATATATTCATTGTTTGCAACCTGCTACTGGACG
CTGGAGAATGCTTCTTATAGTGGTATCTGTCTGTACAGCTACTGGTGCCTGGAAGTGGTTAATAGACCCCT
GAGACACAAAAGGTGTCCTTCTTCACATCATTATGGAATCACCCATTTTTCACCATTAGCTGTATCACTC
TAATAGGCTTGTCTTTGCTGGAATACACAAGAGAGTAGTTGCACCATCAATTATAGCTGCTCGATGTCG
AACGGTATTAGCAGAATACAATATGTCTTGTGATGATACAGGAAAATAATTTTGAAACCTAGGCCTCAT
GTCAATGA
  
```


[View online »](#)

5' Read Nucleotide Sequence:	>OriGene 5' read for NM_153261 unedited <pre> NGGGTGCACATTATGTATACGACTCATATAGGCGGCCGCGAATTGGCACGAGGGGAGTT GGCGCTGCGGGCCGGGCGGGGGCCGCGGAAGCTGCGATGCGGACAGGGCAGCGCGGTGA CCCCGAGCTGCCGCCGACATGAACCTGCTGGAGCAGGCGGAAGATCTCAAGGCTTTGAG AGGAGACTTACTGAATATATTCATTGTTTGCAACCTGCTACTGGACGCTGGAGAATGCTT CTTATAGTGGTATCTGTCTGTACAGCTACTGGTGCCTGGAACCTGGTTAATAGACCCTGAG ACACAAAAGGTGTCCTTCTTCACATCATTATGGAATCACCCATTTTACCATTAGCTGT ATCACTCTAATAGGCTTGTTCTTTGCTGGAATACACAAGAGAGTAGTTGCACCATCAATT ATAGCTGCTCGATGTCGAACGGTATTAGCAGAATACAATATGTCTGTGATGATACAGGA AAACTAATTTTGAACCTAGGCCTCATGTTCAATGACAATCTTCACTCATTGTTATGGGA CTTAAATAGCCTTTCTTGAATAAGTGATACAGCAAAAAGCCATAAAGGATTCTTTTG CGGTTGGATATGTAAAGTCATAGCAGCAACTGACAAGAAGTGTGCAATATTTACCTGGA TTATCTTGATGATGGTGACTCATTATCAGTGCTTTGGTACTTTTGATTACCTGTGTTTCA GTATTAGTGCTACTTTAGTACTTCAGATCCTGCAAATATTTTGCAGATGAAGTATGTAT GTATGTTACTAAGTTAACTTAGAAACAGAACCCCTCATTAGTTTATAATGTATTTTGG CAAACCTACTGTAAATAGCAAATCAATGCCAATGNTAAACAAAGAGNNAACGTTGTGG ACCTTGTTCTCTTGCACCNCTTA </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_153261
Insert Size:	5500 bp
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).
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:	NM_153261.1 , NP_694993.1
RefSeq Size:	2201 bp
RefSeq ORF:	378 bp
Locus ID:	255919
UniProt ID:	Q8N9A8
Cytogenetics:	16q12.1

Gene Summary:

This gene encodes a transmembrane protein that belongs to the Tmem_18A family. A similar protein in yeast is a component of an endoplasmic reticulum-associated protein phosphatase complex and is thought to play a role in the synthesis of triacylglycerol. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Aug 2013]
Transcript Variant: This variant (1) represents the longest transcript and encodes the longer isoform (1).