

Product datasheet for **SC317242**

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:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC317242 representing NM_153261. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGAACCTCGTGGAGCAGGCGGAAGCCCGCGAGTTGTATCCCTGATTCTGCGGTGGTTTCCGGTAAC
 TGCCAAGATCTCAAGGCTTTGAGAGGAGACTTACTGAATATATTCATTGTTTGCAACCTGCTACTGGA
 CGCTGGAGAATGCTTCTTATAGTGGTATCTGTCTGTACAGCTACTGGTGCCTGGAACCTGGTTAATAGAC
 CCTGAGACACAAAGGTGCTTCTTACATCATTATGGAATCACCCATTTTACCATTAGCTGTATC
 ACTCTAATAGGCTTGTTCTTTGCTGGAATACACAAGAGAGTAGTTGCACCATCAATTATAGCTGCTCGA
 TGTCGAACGGTATTAGCAGAATACAATATGTCTTGTGATGATACAGGAAACTAATTTTGAAACCTAGG
 CCTCATGTTCAATGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_153261
Insert Size:	429 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).


[View online »](#)

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:	<ol style="list-style-type: none"> 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_153261.5</u>
RefSeq Size:	2201 bp
RefSeq ORF:	429 bp
Locus ID:	255919
UniProt ID:	<u>Q8N9A8</u>
Cytogenetics:	16q12.1
MW:	16 kDa
Gene Summary:	<p>This gene encodes a transmembrane protein that belongs to the Tmemb_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]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longer isoform (1).</p>