

Product datasheet for **SC106914**

TMEM120A (NM_031925) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM120A (NM_031925) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM120A
Synonyms:	NET29; TMPIT
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_031925, the custom clone sequence may differ by one or more nucleotides

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ATGCAGCCCCCGCCCCGGGCCGCTGGGCGACTGCCTGCGGGACTGGGAGGATCTACAGCAGGACTTCC
AGAACATCCAGGAGACCCATCGGCTCTACCGCCTGAAGCTGGAGGAGCTGACCAAATTCAGAACAATTG
CACCAGCTCCATCAGCGGCAGAGAAGCGGCTCCAGGAGCTGGCCCTCGCCCTGAAGAAATGCAAACCC
TCCCTCCCAGCAGAGGCCGAGGGGGCCGCACAGGAGCTGGAGAACCAGATGAAAGAGCGCCAAGGCCTCT
TCTTTGACATGGAGGCCTATTTGCCTAAGAAGAATGGATTGTACCTGAGCCTGGTTCTGGGAACGTCAA
CGTCACGCTCCTGAGCAAGCAGGCTAAGTTGCCTACAAGGACGAGTATGAGAAGTTCAAGCTCTACCTC
ACCATCATCCTCATCCTCATCTCCTTCACTTGCCTGCTCAACTCCAGGGTGACAGATGCTGCCT
TCAACTTCTGCTGGTCTGGTACTACTGCACCCTGACCATCCGGGAGAGCATCCTCATCAACAACGGCTC
CCGGATCAAAGGCTGGTGGGTGTTCCATCACTACGTGTCCACCTTCTGTGCGGGAGTCATGCTGACGTGG
CCCGACGGTCTCATGTACCAGAAATTCGGAACCAATTCCTCTCTTTTCCATGTACCAGAGCTTCGTGC
AGTTTCTCCAGTACTACTACCAGAGCGGCTGCCTTACCCTGCGGGCGCTGGGCGAGCGGCACACCAT
GGACCTCACTGTGGAGGGCTTCCAGTCTGGATGTGGCGGGCCCTCACCTTCTGCTGCCTTTCTTTTC
TTTGGACACTTCTGGCAGCTTTTAACGCGCTGACGTTGTTCAACCTGGCCAGGACCCTCAGTGAAGG
AGTGGCAGGTGCTTATGTGCGGCTTCCCTTCTCCTCTTTCTCGGCAATTTCTTACCACCCTGAG
GGTTGTGCACCACAAGTTTCACAGTCAGCGGCACGGGAGCAAGAAGGATTGA
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_031925 unedited ATACGACTCACTATAGGGCGGCCGCAATTCGGCACGAGGGGGTTGCTGCGCCGTCCTC CACTACTGGTACTGGCGCTGCAGCCATGCAGCCCCGCCCGGGCCGCTGGGCGACT GCCTGCGGGACTGGGAGGATCTACAGCAGGACTCCAGAACATCCAGGAGACCCATCGGC TCTACCGCTGAAGCTGGAGGAGCTGACCAAATTCAGAACAATTGCACCAGTCCATCA CGCGGCAGAAGAAGCGGCTCCAGGAGCTGGCCCTCGCCCTGAAGAAATGCAAACCCTCCC TCCCATCAGAGGCCGAGGGGCCGCACAGGAGCTGGAGAACCAGATGAAAGAGCGCCAAG GCCTCTTCTTTGACATGGAGGCCTATTTGCCTAAGAAGAATGGATTGTACCTGAGCCTGG TTCTGGGGAACGTCAACGTACAGCTCCTGAGCAAGCAGGCTAAGTTTGCCTACAAGGACG AGTATGAGAAGTTCAAGCTCTACCTCACCATCATCCTCATCCTCATCTCCTTCACTTGCC GCTTCTGCTCAACTCCAGGGTGACAGATGCTGCCTTCAACTTCTGCTGGTCTGGTACT ACTGCACCCTGACCATCCGGGAGAGCATCCTCATCAACAACGGCTCCCGTGGGCAGGGC GGGCCCTGAGGGAGGGGAGCATGGAATGGGGTGCCAGGACCTCCGGGAAGCATGAACAG GCGCTGGGGTGATGGTGGCTCTCTGCTCCAGATCANAGGCTGGTGGGTGTTCCATCAC TACGTGTCCACCTTCTGTGAGGAGTCATGCTGACGTGGCCGACGGTCTCATGTACCAT AAATTCGGAACCAATTCTCTNCTTTTTCATGTACCANNAGCTTGANGCAGTTCTCCAG TACTACTACCAGAGCGGCTGCCTCTACCGCTGCGGGCGCTGGGCGAGCGGNACACATGG ACTCACTGTGGNTCTGGAGCTTNTTACGCGCTGACGT
Restriction Sites:	NotI-NotI
ACCN:	NM_031925
Insert Size:	1500 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:	<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:	NM_031925.1 , NP_114131.1
RefSeq Size:	1318 bp
RefSeq ORF:	1032 bp
Locus ID:	83862
UniProt ID:	Q9BXJ8
Cytogenetics:	7q11.23
Protein Families:	Transmembrane

Gene Summary:

Necessary for efficient adipogenesis (PubMed:26024229).[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longer transcript but encodes the shorter isoform (1).