

Product datasheet for SC315941

TMEM120B (NM_001080825) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM120B (NM_001080825) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM120B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC315941 representing NM_001080825. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
 ATGTCCGGGCAGCTGGAGCGTTGCGAGCGCAATGGCAGAGCTGGAGGGAGAATTTCAAGAACTGCAG
 GAGACGCACAGGATCTACAAGCAGAAGCTGGAGGAGCTGGCTGCGCTGCAGACGCTGTGTAGCAGTTCC
 ATCAGTAAGCAGAAGAAGCACCTCAAGGACTTGAAGCTTACACTCCAGAGGTGCAACGCCATGCCAGT
 CGGGAGGAGGCGGAGCTCGTTTCAAGCAGATGGCAGCGAATCAAGGAGCGGCAGGACGCTCTTCTCGAC
 ATGGAGGCCTACCTGCCAAGAAGAACGGGCTCTACTTGAACCTGGTCTCGGCAATGTGAACGTGACC
 CTCCTCAGCAACCAGGCCAAGTTCGCCTACAAGGACGAATATGAGAAGTTCAAGCTCTACCTGACCATC
 ATCCTGTCTCTGGGTGCCGTGGCATGTCGATTTGTCTTCACTACAGGGTGACTGACGAAGTCTTCAAC
 TTCCTGTGTTGTTGTTACTGCAACCTGACCATTTCGGGAGAGCATTCTCATCAGCAACGGCTCAAGA
 ATTAAAGGCTGGTGGTGTCTCACCCTACGCTCTCCACATTCTGTCCGGAGTGATGCTGACCTGGCCT
 AATGGACCCATTTATCAGAAGTTTCGAACCAAGTCTTAGCATTCTTCCATTTTTCAGAGCTGCGTCCAG
 TTCCTGCAATATTATTACCAGAGGGGCTGCCTTACCGGCTGCGGGCCCTGGGGAGAGGAACCACTG
 GATCTCAGTGAAGGGTTCCAGTCTGGATGTGGCGGGGCTCACCTTTCTCTGCCCTTCTCTTC
 TGTGGCCATTTCTGGCAGCTCTACAATGCCGTACGCTGTTTGAAGCTCTCCAGCCAGGGAATGCAGA
 GAATGGCAGGTGTTCTGACTGGCGTTACCTTCTCATCTCTTCTCGGCAACTTCTGACCACGCTC
 AAAGTCGTGCATGCCAAGCTCCAGAAGAAGAGGCAAGACAAAGCAGCCGTGA
 ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_001080825
Insert Size:	1020 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_001080825.2</u>
RefSeq Size:	7510 bp
RefSeq ORF:	1020 bp
Locus ID:	144404
UniProt ID:	<u>A0PK00</u>
Cytogenetics:	12q24.31
Protein Families:	Transmembrane
MW:	40.2 kDa
Gene Summary:	Necessary for efficient adipogenesis.[UniProtKB/Swiss-Prot Function]