

Product datasheet for **SC322270**

TMEM59L (NM_012109) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM59L (NM_012109) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM59L
Synonyms:	BSMAP; C19orf4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for SC322270
 CCCC GCGCCCCCGCGTTCCGCCCGCCATGGCTGCGGTGGCGCTGATGCCACCGCCGCT
 GCTGCTGCTGCTGCTGTTGGCGTCGCCGCCCGCCCTCCGCGCCGTCCGCCCGGATCC
 CTTGCCCGCCAGCTCGGGGACACGCAGAACTGCCAGCTGCGGTGCCCGACCGCGACCT
 CGGCCCGAGCCCTCGCAGGCGGGGCTGGAGGGCGCCTCCGAGTCTCCCTATGACAGAGC
 CGTTCTGATCAGCGCTTGCAGCGTGGCTGCCGCTCTTCTCCATCTGCCGATTTGTGGC
 CAGAAGCTCCAAGCCCAATGCCACCCAACTGAGTGTGAAGCAGCCTGCGTGAAGCCTA
 TGTGAAGGAGGCAGAGCAGCAGGCCTGTAGCCACGGCTGCTGGAGCCAGCCCGCGGAGCC
 TGAGCCGAGCAGAAGAGAAAGGTCTTGAGGCTCCAAGTGGGGCCCTCTCCCTTTGGA
 CTTGTTTTCCACCCTCTGCAATGACCTCGTCAACTCAGCCAGGGATTTGTCTCTCCAC
 CTGGACATACTACTTGCAGACTGACAAATGGGAAAGTGGTGGTGTTCAGACTCAGCCAT
 AGTGGAGAGCCTCGGCTTCCAGGGGGCCGTCTGCAGCGCTGGAGGTGACCTGGCGAGG
 CTCCCACCCTGAAGCCCTGGAGGTGCACGTGGACCCTGTAGGCCCTGGACAAGGTGAG
 GAAGGCCAAGATCCGAGTCAAGACCAGCAGCAAGGCCAAGGTGGAGTCTGAAGAGCCACA
 GGACAATGACTTCTCAGTTGCATGTCCGGCGCTCGGGTCTGCCTCGCTGGATCCTGGC
 CTGCTGCCTTCTCCTCTCCGTGCTGGTGTGCTGTGGCTGAGTCTCCACCCTGGTGAC
 CGCGCCTGGCCAGCACCTCAAGTTCAGCCTCTGACCCTGGAGCAGCACAAAGGGTTCAT
 GATGGAGCCCGATTGGCCCTGTACCCGCCCGCTCCACGCCTGTGAGGACAGCCTACC
 ACCCTACAAGCTGAAGCTGGACCTGACCAAGCTGTAGGCCTCCACTGGCCCCATCACTGC
 CAACTGCAGGGGGCCCTCGGGCCTCACTTGCCCTGAGCCAGGAGTCCAAGGGCAGGGT
 GGGTCCAGCCTTGAAGCCCTCCACCCCAAATCCTTCTCTCTCCAGTCCCACCCTT
 GCCCCACGGAGTCTGGGGACGCAGTCCCCAGCTGGGAAGAGGGCGGGATCGGGCACTG
 GTTCTCCTTGTCCCGCTTCTTGGGGCTTGCTACTTTTTGTCTTCTATTGTGTGGCT
 TTCTGAGTATTTGAACCCAGTCTGTGTACCTTCTTTTTCTTCTCTGTCCCCTCTC
 TCGGGGGGGCGCTGAGGCTGAGGGGAGCTGCGTCTTGTAGGGCTTCCCCCTTCTCC
 CATCCCGTCTCCAGAGACCCAGCTTCTGAGAGACAGGGTGTGGGCATCTCCATGCCCT
 AATAAGCGTGCCTGGGGCTTGTCTGGGGCTGGGGAGGAATAAACCATGTATATAAAGAA
 AA
 AA

- Restriction Sites:** Please inquire
- ACCN:** NM_012109
- 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: [NM_012109.2](#), [NP_036241.1](#)

RefSeq Size: 1712 bp

RefSeq ORF: 1029 bp

Locus ID: 25789

UniProt ID: [Q9UK28](#)

Cytogenetics: 19p13.11

Protein Families: Transmembrane

Gene Summary: This gene encodes a predicted type-I membrane glycoprotein. The encoded protein may play a role in functioning of the central nervous system. [provided by RefSeq, Jul 2008]