

Product datasheet for **SC115512**

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:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC115512 sequence for NM_012109 edited (data generated by NextGen Sequencing)

```

ATGGCTGCGGTGGCGCTGATGCCACCGCCGCTGCTGCTGCTGCTGTTGGCGTCGCC
CCCGCCGCTCCGCGCCGTCGCCCGCATCCCTTCGCCCCAGCTCGGGGACACGCAG
AACTGCCAGTGCGGTGCGCGACCGCGACCTCGCCCGCAGCCCTCGCAGGCGGGGCTG
GAGGGCGCTCCGAGTCTCCCTATGACAGAGCCGTTCTGATCAGCGCTTGCAGCGTGGC
TGCCGCTCTTCTCCATCTGCCGATTTGTGGCCAGAAGCTCCAAGCCCAATGCCACCAA
ACTGAGTGTGAAGCAGCCTGCGTGAAGCCTATGTGAAGGAGGCAGAGCAGCAGGCTGT
AGCCACGGCTGCTGGAGCCAGCCCGGGAGCCTGAGCCGGAGCAGAAGAGAAAGTCCTG
GAGGCTCCAAGTGGGGCCCTCTCCCTCTTGACTTGTTTTCCACCCTCTGCAATGACCTC
GTCAACTCAGCCAGGGATTTGTCTCCTCCACCTGGACATACTACTTGCAGACTGACAAT
GGGAAAGTGGTGGTGTTCAGACTCAGCCATAGTGGAGAGCCTCGGCTTCCAGGGGGC
CGTCTGCAGCGCGTGGAGGTGACCTGGCGAGGCTCCCACCTGAAGCCCTGGAGGTGCAC
GTGGACCTGTAGGCCCTGGACAAGGTGAGGAAGGCCAAGATCCGAGTCAAGACCAGC
AGCAAGGCCAAGGTGGAGTCTGAAGAGCCACAGGACAATGACTTCCTCAGTTGCATGTCC
CGGCGCTCGGCTGCCTCGCTGGATCCTGGCCTGCTGCCTTTCCTCTCCGTGCTGGTG
ATGCTGTGGTGAAGTGTCCACCCTGGTGACCGCCTGGCCAGCACCTCAAGTCCAG
CCTCTGACCCTGGAGCAGCACAAGGGCTTCATGATGGAGCCCGATTGGCCCTGTACCCG
CCGCCGTCCACGCTGTGAGGACAGCCTACCACCCTACAAGCTGAAGCTGGACCTGACC
AAGCTGTAG

```

Clone variation with respect to NM_012109.2
480 t=>c



[View online »](#)

5' Read Nucleotide Sequence:	>OriGene 5' read for NM_012109 unedited CTATAGGGCGGACAACCAATTCGGCACGAGGGCGCCCCGGTCCCCGCCGAGCCGCTGCA TCCTCCGTGCCCGGCCTGAGCTGGAGTCCCCCGCGCCCCCGGTTCCGCCCGGCATGG CTGCGGTGGCGCTGATGCCACCGCCGCTGCTGTGCTGTGTTGGCGTCGCCGCCCG CCGCCTCTCTTTTTCGCCCGGATCCCTTCGCCCCAGCTCGGGGACACGCAGAAGT GCCAGCTGCGGTGCCGACCCGACCTCGGCCGAGCCCTCGCAGGCGGGGCTGGAGG GCGCCTCCGAGTCTCCCTATGACAGAGCCGTTCTGATCAGCGCTTGCAGCGTGGCTGCC GCCTCTTCTCCATCTGCCGATTTGTGGCCAGAAGCTCCAAGCCCAATGCCACCCAAACTG AGTGTGAAGCAGCCTGCGTGGAAGCCTATGTGAAGGAGGACAGAGCAGCAGCCTGTAGCC ACGGCTGCTGGAGCCAGCCCGGAGCCTGAGCCGGAGCAGAAGAGAAAGGTCTGGAGG CTCCAAGTGGGGCCCTCCCTCTTGGACTTGTTCACCCCTCTGCAATGACCTCGTCA ACTCAGCCAGGGATTTGCTCCTCCACCTGGACATACTACTGCAGACTGACAATGGGA AAGTGGTGGTGTTCAGACTCAGCCCATAGTGGAGAGCCTCGGCTTCCAGGGGGCCGTCT GCAGCGCTGGAGGTGACCTGGCGAGGCTCCCACCTGAAGCCCTGGAGTGCACGTGGA CCCCCTGTAGCCCTGNACAGGTGAGAAANGGCCAGATCCGAGTCAAGACCCAGCAGCAG GCCCAAGTGGAGTCTGAAGAAGCCACAGACATG
3' Read Nucleotide Sequence:	>OriGene 3' read for NM_012109 unedited GCGGCCGCAATCTANAGTCGAGTTTTTTTTTTTTTTTTTATATACATGGTTTATTCCTC CCCAGCCCCAGACAAGCCCCAGGCACGCTTTATAGGGGCATGGAGATGCCACACCCTGT CTCTCAGAAGCTGGGTCTCTGGAGACCGGGATGGGGAGAAGGGGAAGCCCTAGCAAGAC GCAGCTCCCCCTCAGCCTCAGCGCCCCCGCAGAGAGGGGACAGAGAAGGAAAAAGGAA GGTGACACAGGACTGGGGTTCAAATACTCAGAAAGCCACACAATAGAAGACAAAAAGTAG CAAGCCCCAAGAAAGCGGGGACAAGGAGGAACAGTGCCTGATCCCGCCCTCTCCAG CTGGGGCACTGCGTCCCCAGGACTCCGTGGGGCAAGGGGTGGGACTGGGAGGAGGGAAG GATTTGGGGGTGGAGGGGCTCAAGGCTGGACCCACCCTGCCCTTGGACTCCTGGGCTCAG GGCAAGTGAAGGCCGAGGGGCCCTGCAGTTGGCAGTGTGGGGCCAGTGGAGGCTAC AGCTTGGTCAGTCCAGCTTCAGCTCGTANGGTGGTAGGCTGCCCTCACAGCGTGGGACC GCGCGGGTACAGGGGCCATTGGCTCCATCATGAAGCCCTTGTGCTGCCTCAGGGTCAG AAGCTGGAACCTGAGGTGCTGGCCAGCGGCCACCACGGTGGAGCAGTTCATCCCCAG CATTACCACCACGGAGAGGTATAGGCAGCAGGCCAGATTCACCGATGCACACCCGACC GCCGGGACATGCAACTGAGGAAAGCATTGGCCTTGGGCGTCTTCAACACCCACCCTTGCC CTGCTGGCGGGCTTACTCCGAAGTCCCTCCCCACCTTGTCCAGGGCCCTACAGGTCCC CGGCCACTCCACGGCTCAGGTGGGAAGCCTCCCAGGGACCTCCACCCCTGAACAGGGCCC TGGACCCAGCGTTTCTTGGGGTGGAGTGAACCCCTTCTGTGGGTGGGAGGATGTC CGGGG
Restriction Sites:	NotI-NotI
ACCN:	NM_012109
Insert Size:	1650 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_012109.1](#), [NP_036241.1](#)

RefSeq Size: 1562 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]