

Product datasheet for **SC112910**

TMEM35 (TMEM35A) (NM_021637) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM35 (TMEM35A) (NM_021637) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM35
Synonyms:	NACHO; TMEM35; TUF-1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC112910 sequence for NM_021637 edited (data generated by NextGen Sequencing)

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ATGGCATCCCCAGAACCGTAACCTATTGTGGCCCTCTCAGTGGCCCTGGGACTCTTCTTT  
GTTTTTCATGGGGACTATCAAGCTGACCCCAAGGCTCAGCAAGGATGCCTACAGTGAGATG  
AAACGTGCTTACAAGAGCTATGTTTCGAGCCCTCCCTCTGCTGAAGAAAATGGGGATCAAT  
TCCATTCTCCTCCGAAAAGCATTGGTGCCTTGAAGTGGCCTGTGGCATCGTCATGACC  
CTTGTGCCTGGGCGTCCCAAAGATGTGGCCAACCTCTTCTACTGTTGCTGGTGTGGCT  
GTGCTCTTCTCCACCAGCTGGTCGGTGATCCTCTCAAACGCTACGCCCATGCTCTGGTG  
TTTGAATCCTGCTCACTTGCCGCCTGCTGATTGCTCGCAAGCCCGAAGACCGGTCTTCT  
GAGAAGAAGCCTTTGCCAGGGAATGCTGAGGAGCAACCCTCCTTATATGAGAAGGCCCT  
CAGGGCAAAGTGAAGGTGCATAG
```

Clone variation with respect to NM_021637.2



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_021637 unedited
 GTAAAGGACGTACCGTTGTATAACGCCTCCTAATAGGGCGGCCCGCGACTCTTCGGCAAC
 GAGTCCTCGTGCCGAATTCGGCACGAGGCCTTTGTATTCTAGCTGCCTGCTGCCTCCGC
 AGCGTCCCCCAGCTCTCCCTGTGCTAACTGCCTGCACCTTGGACAGAGCGGGTGCGCCAA
 ATCAGAAGGATTAGTTGGGACCTGCCTTGGCGACCCCATGGCATCCCCCAGAACCCTAAC
 TATTGTGGCCCTCTCAGTGGCCCTGGGACTCTTCTTTGTTTTTCATGGGGACTATCAAGCT
 GACCCCCAGGCTCAGCAAGGATGCCTACAGTGAGATGAAACGTGCTTACAAGAGCTATGT
 TCGAGCCCTCCCTCTGCTGAAGAAAATGGGGATCAATTCCATTCTCCTCCGAAAAAGCAT
 TGGTGCCCTTGAAGTGGCCTGTGGCATCGTCATGACCCTTGTGCCTGGGCGTCCCCAAGA
 TGTGGCCAACTTCTTCTACTGTTGCTGGTGTGGCTGTGCTCTTCTTCCACCAGCTGGT
 CGGTGATCCTCTCAAACGCTACGCCCATGCTCTGGTGTGGGAATCCTGCTCACTTGCCG
 CCTGCTGATTGCTCGAAGCCCCGAGACCGGTCTTCTGAGAAGAAGCCTTTGCCAGGGAA
 TGCTGAGGAGCAACCCTCTTATATGAGAAGGCCCTCAGGGCAAAGTGAAGGTGCATA
 GAAAAGTGAAGTCAAAGAGTGGACCTCCAGGCAGTTGCGTCCATGACACCAGGAAGA
 TGTCAGTGTGTGTTTTTCATTTGATTTATTTATCTTGGGAAAAGTAAAAATGTAATCTG
 CAAGTTAATGACCTATTGGCTTGTGTACATCTATATGCTAAAATGACTCCCCACATTG
 ACATTTGTGCGCCACCTTTTATT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_021637 unedited
 TATGGACGCGCCGAATCTAGGATCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTCA
 AATTTCAAAAAGTTTTATTTGAAAGAATGAGAGAAAATAAACAGAGAGGTTTCAATTAC
 CAAAAACAATTACTGAAAAAACACAATAATAAGTACTTTTCCACACAACCCCCCCC
 ATTTCCCATCCCTGGCACAATAATATTTAAAACCACAAAGCACACCTAACAAAGGAAAA
 CAACAGTACGTAATGAAAAAGCAAATGTCCATCTGCTCAGTCCAACTAACCTTATGA
 AATGTCCTTCCCCAGCTAAACCCTACCCACTGGAATGATAAAAAATGTAAAGCAACC
 CTAGGGGAAACTTGGAACTCTGCTTATACTAGCAAAGCTCAGTAAAAATCAGTAAAAGT
 AGTGAATCTGTTTGGCAGTGAACACTGGATATAGCTTCTTTTTCAAATTTGGATGATT
 GCAAAAAACAGGTAAAGTTTGGAGCTCACAGACTTCTAACAGGACTGATCCCTGTTCCCT
 CAACCGTAACAGTGGAGCAGCTGCCAAATCCTGGTTGGCTGCTGAAAATAGTGAAGTGA
 GGCAACTTTGGGCTTAAGACAATCTGAAAAAGATGTCTGGAAACAAGTTTACTGCTTCAG
 TTTCAAAGTGTGAGTAAAGGGTTTTAATAGGTGGGGCTTGACAAAGGCAGGTTGAAACT
 TCCATATTACTACTTGAAGAATTAACACTCAATTTGACTGCATGCATCCCTTGTTTTA
 AATAAATTCATATGGGACTATTTAAAAATGTAACNAACTGTTGNACTAGAGCCTAAT
 TAAATTCATANTAACTCANTGTCCGAAAATGAATGTTTTTTTTTTTTTCTCCTAAGTAA
 TAAAGTTAGNTTGTAGTATCTGGTGGAAAGATT

Restriction Sites:

NotI-NotI

ACCN:

NM_021637

Insert Size:

504 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_021637.1](#), [NP_067650.1](#)

RefSeq Size: 2039 bp

RefSeq ORF: 504 bp

Locus ID: 59353

UniProt ID: [Q53FP2](#)

Cytogenetics: Xq22.1

Protein Families: Transmembrane

Gene Summary: A soluble peptide released by shedding may interact with NGFR and modulate neurite outgrowth.[UniProtKB/Swiss-Prot Function]