

Product datasheet for **SC111422**

TMEM53 (NM_024587) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM53 (NM_024587) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM53
Synonyms:	NET4
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_024587, the custom clone sequence may differ by one or more nucleotides

ATGGCCTCGGCAGAGCTGGACTACACCATCGAGATCCCGGATCAGCCCTGCTGGAGCCAGAAGAACAGCC
CCAGCCCAGGTGGGAAGGAGGCAGAACTCGGCAGCCTGTGGTGATTCTCTTGGGCTGGGGTGGCTGCAA
GGACAAGAACCTTGCCAAGTACAGTGCCATCTACCACAAAAGGGGCTGCATCGTAATCCGATACACAGCC
CCGTGGCACATGGTCTTCTTCTCCGAGTCACTGGGTATCCCTTCACTTCGTGTTTTGGCCAGAAGCTGC
TCGAGCTGCTCTTTGATTATGAGATTGAGAAGGAGCCCTGCTCTCCATGTCTTCAGCAACGGTGGCGT
CATGCTGTACCGCTACGTGCTGGAGCTCCTGCAGACCCGTCGCTTCTGCCGCTGCGTGTGGTGGGCACC
ATCTTTGACAGCGCTCCTGGTGACAGCAACCTGGTAGGGGCTCTGCCGGCCCTGGCAGCCATCCTGGAGC
GCCGGGCCGCCATGCTGCGCCTGTTGCTGCTGGTGGCCTTTGCCCTGGTGGTGTCTGTTCCACGTCCT
GCTTGCTCCCATCACAGCCCTCTCCACACCCACTTCTATGACAGGCTACAGGACGCGGGCTCTCGCTGG
CCCGAGCTCTACCTCTACTCGAGGGCTGACGAAGTAGTCCTGGCCAGAGACATAGAACGCATGGTGGAGG
CACGCCTGGCACGCCGGGTCTGGCGGTTCTGTGGATTCGTGTCTCATCTGCACACGTACGCCACCTCCG
TGACTACCCTACTTACTACACAAGCCTCTGTGTCGACTTCATGCGCAACTGCGTCCGCTGCTGA



[View online »](#)

5' Read Nucleotide Sequence:	>OriGene 5' read for NM_024587 unedited <pre> AATACGACTCACTATAGGGCGGCCGCAATTTCGGCACGAGGCTGTGGTGATTCTCTTGGG CTGGGGTGGCTGCAAGGACAAGAACCTTGCCAAGTACAGTGCCATCTACCACAAAAGGGG CTGCATCGTAATCCGATACACAGCCCCGTGGCACATGGTCTTCTCTCCGAGTCACTGGG TATCCCTTCACTTCGTGTTTTGGCCAGAAAGCTGCTCGAGCTGCTCTTTGATTATGAGAT TGAGAAGGAGCCCTGCTCTTCCATGTCTTCAGCAACGGTGGCGTCATGCTGTACCGCTA CGTGCTGGAGCTCCTGCAGACCCGTCGCTTCTGCCGCTGCGTGTGGTGGGCACCATCTT TGACAGCGCTCCTGGTGACAGCAACCTGGTAGGGGCTCTGCGGGCCCTGGCAGCCATCCT GGAGCGCCGGGCCGCCATGCTGCGCCTGTTGCTGCTGGTGGCCTTTGCCCTGGTGGTCGT CCTGTTCCACGTCCTGCTTGCTCCCATCACAGCCCTCTCCACACCCACTTCTATGACAG GCTACAGGACGCGGGCTCTCGCTGGCCGAGCTCTACCTCTACTCGAGGGCTGACGAAAG TAGTCCTGGCCAGAGACATAGAACGCATGGTGGAGGCACCCTGGCAGCCGGGTCTGGGC GCGTTCTGTGGAATTTTNGGGGTACCTGCACACGTCAGCCACCTCCGTGACTACCCTAC TTACTACAAAGCCCTCTGTGGTCGACTTATGCGANACTGCGNTCGCTTGGTGAGGCCATT GCTCCATCTCACCTCTGCTCAGAAAATAAATGCCTGACACCTCCACACCTGCATTNCTG TCGGCATTCTTCTCGNTCACTCCTGACCNCTTTGGAAATTTNTGGGGCCCTAGGAGAAAT TNCTAAGGCCTGTTCTGGGGGCTCTTTTTTGTGGGGGTCCGCTACAAGATCTAGGGGC CAGATGCTGGGAATGTTTTGGGAA </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_024587
Insert Size:	2200 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_024587.2 , NP_078863.2
RefSeq Size:	1614 bp
RefSeq ORF:	834 bp
Locus ID:	79639
UniProt ID:	Q6P2H8
Cytogenetics:	1p34.1

Protein Families: Transmembrane