

Product datasheet for **SC334432**

TMEM53 (NM_001300746) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM53 (NM_001300746) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM53
Synonyms:	NET4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001300746, the custom clone sequence may differ by one or more nucleotides

ATGGTCTTCTTCTCCGAGTCACTGGGTATCCCTTCACTTCGTGTTTTGGCCAGAAAGCTGCTCGAGCTGC
 TCTTTGATTATGAGATTGAGAAGGAGCCCTGCTCTTCCATGTCTTCAGCAACGGTGGCGTCATGCTGTA
 CCGCTACGTGCTGGAGCTCCTGCAGACCCGTCGCTTCTGCCGCTGCGTGTGGTGGGCACCATCTTTGAC
 AGCGCTCCTGGTGACAGCAACCTGGTAGGGCTCTGCGGGCCCTGGCAGCCATCTGGAGCGCCGGGCCG
 CCATGCTGCGCTGTTGCTGCTGGTGGCCTTTGCCCTGGTGGTCGTCTGTTCCACGTCTGCTTGCTCC
 CATCACAGCCCTCTTCCACACCCACTTCTATGACAGGCTACAGGACGCGGGCTCTCGCTGGCCCGAGCTC
 TACCTCTACTCGAGGGCTGACGAAGTAGTCCTGGCCAGAGACATAGAACGCATGGTGGAGGCACGCCTGG
 CACGCCGGGTCTGGCGGTTCTGTGGATTTCTGTGTCATCTGCACACGTACGCCACCTCCGTGACTACCC
 TACTTACTACACAAGCCTCTGTGTCGACTTCATGCGCAACTGCGTCCGCTGCTGA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001300746
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).


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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_001300746.1, NP_001287675.1

RefSeq Size: 2257 bp

RefSeq ORF: 615 bp

Locus ID: 79639

UniProt ID: Q6P2H8

Cytogenetics: 1p34.1

Protein Families: Transmembrane