

Product datasheet for **SC104248**

TMEM250 (NM_152833) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM250 (NM_152833) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM250
Synonyms:	C9orf69
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL6</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC104248 sequence for NM_152833 edited (data generated by NextGen Sequencing)

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ATGACCCCTACGCCAACCGCCGCTGGACACCGCCGCCACTGCGACCTAGCGCCGCC
GCCGCCGGGGCCCAATGCCGGTCATGCCATTCCGCGGCGGGTGCCTCCTCCACGGCC
CGCACACCACCTGCCTGCATGCGGCCTGCGGGCCCGTGC GCGCCTCCACCTGGCCCGCA
CCAAGTACAACAACCTTCGACGTGTACATCAAGACGCGCTGGCTGTACGGCTTCATCCGCT
TCCTACTCTACTTTAGCTGCAGCCTGTTCACTGCGGCGCTCTGGGGTGCCTGGCCGCC
TCTTCTGCCTACGTACCTGGGCGTTCGCGTCTGCTGCGCTTCCAGCGCAAGCTGTCGG
TGCTGCTGCTGCTGGGCCGCCGCGTGGACTTCCGCTGGTGA
```

Clone variation with respect to NM_152833.2
18 a=>c



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_152833 unedited</p> <pre>TCCCCCGCCCGTTGNCGCATTGGGCGGTAGGCGTGTACGGTGGGAGGTCTATATAAGCAG AGCTCATTTAGGTGACACTATAGAATACAAGCTACTTGTCTTTTTGCAGCGGCCGCGAA TTCGGCACGAGGGGAAGGGAAGTGC GGCTCGGTGCGCGGGGTGGAGGGGGCGTGAGGC CGCCCTACGGTGGCCGTCGAGGGACGGCGCTACGGCTCCCACGCTAGGCCAAACGCCTCC GGCGGCCGCGCCCGAGAGCCCTTACCTGCAGGGCGACCCAGCCGGCGACGCGTGAAC CAGCCCTCAGCGCCTTGCCAGCGCCCGACCGCGCGCCCGAGCACCATGCGGGCCGCG CTGTGCACGGAGCCCGAGGGACAAGGGCACCCGAGGCCCGGCCCTAGCACCGCCGGC CGGCCCGAGGTCCGGGACGCCGCGCCCGCGGAGAGGGCACCGGGCCGACGCTCCC CCCAGGGTCAGCTGCGGGCTCCCAGGCCTAGGCGCCCATGACCCCTACGCCAACCGCCGC CTGGACACCGCCGACGCCACTGCGACCTAGCGCCGCGCGCCGGGCCAATGCCGT CATGCCATTCCGCGCGGGTGCCTTCTTTACGGCCCGNACACCACCTGCCTGCATGC NGCCTGCNGGCCGTCGCGCCTCCACCTGGCCCGNACCAGTACAACAACCTCGACGTG TACATCAAGACGCGCTGGCTGTACGGCTTCATCCGCTTCTACTCTACTTTAGCTGCAGC CTGGTCACTGGCGGCTCTGGGGTGCCTGGCCGCCCTTCTGCCTACAGTACCTGGGC GTTCCGGTCTTGCTGCGCTTACGCCAAGCTGTGTGCTGCTGCTGTGCTGGGCCCCCG GCCCGTGAACCTCCGCTGGGTGACGAGCTGCTCGTCTATGGCTCCACGTTCTTCTGCTT</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_152833 unedited</p> <pre>GTAATACTATGNNACCGCGCCGAATCTANNATCGAGTTTTTTTTTTTTTTTTTTCACT TAAAAAAAAGTTTAATGCAGGTGGTTCATGGCATGACGAATTTACAGGCACCGGGGAC AGCAGGGCCAGGTGCTCAGAGGGCACCAAGGTGCCACAACCTCCCTGCAGCGTTGACAC CGCAGGAGCGGCACCACAGCCCTCCCGCTCCCGTCCACCTTACCCTCAGCCAAG AGGCTTGGGTGACTCTGAGTAATACGTTAACAAAAACAAAGCTTCTTTGAGGAAACAGC ATGACTTAGTGCAAAAGATTCTCTGCAGCAAGAAATGAGGCCACGCAGGGAAGTCCCG CCTACCTGCCAGGGCGTGGACGCAGCCCGGGCTCATCAGAGGTATCCACAGAAGCTGC CGATAAATTAGAGAGCAGGTTTACGGCCAGAGATTTTTTGTCTTCTACTCTGATTTAG GGTTTTTCAAAAAGTTTCTTCCAGTGGCACACAACCTGTCTCATGGCTCCTGGGCCAC TGGTCCGCTGACAGGGTAGGGTACAAGTCCCACCATGCCAGAGTGTGGGACATGG ATTTGAGGTGACACTAGGGTTGTCAGTACCACACCCTGTGTCTGCTCTAGGGTAGCCTC TGCCCGGTGGCCCTGGCATCATTATTTAAGGCGCCCTTCACTTTCCCCCAAAGTACACG GGCATGGGCAGTCCACCAATAATGCTGCCCTGACTGCAAGGCTGAGGAGCAAACCAAGGGG GCCTGGGGGAAACCTCCCGCCATGGGGGACCCCTCCTTGAAAAAGGGATTTGGGCCCC TTCCAACCAACCGCCCTGGTGGCATCAATTGGGCCCCCCCAACCTGGGGGAAACCGG GGGATAAATATTT</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_152833
Insert Size:	2800 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_152833.1](#), [NP_690046.1](#)

RefSeq Size: 2805 bp

RefSeq ORF: 441 bp

Locus ID: 90120

UniProt ID: [H0YL14](#)

Cytogenetics: 9q34.3

Gene Summary: May play a role in cell proliferation by promoting progression into S phase.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) is the longer transcript. Variants 1 and 2 encode the same protein.