

Product datasheet for **SC122477**

TMEM74 (BC033057) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM74 (BC033057) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM74
Synonyms:	NET36
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	<p>>OriGene sequence for BC033057 edited</p> <pre> AGCGGGGGCCGAGCGCGTGCAGAGGCTACAAGTGCCGTAGCTGGTGATTGGGGGACTT TCTCCGGGAACCGTGCCGGGAGAGCGCGGTGCTGGAGCCGACCCGGTGGCCGAAGCA GAAGAGACATGGTCTGGCTATGTTGCCTAGGCTGATCATGAACTCCTGGGCTCAAGCTAT TCTCCAAACCTGGCCTCCCAAAGTCTGGGATTCCAGCAGAGAAGATTCAAGAAGATTCC AGAAGTGGTCAAGACATTGATGTTAAACATAATGTTTCAGTGAAGGATGTTTGATTCCAA GACCTCTGAAAAAGATTCTTTATCTACAGTTTCTAAGATGGCAGATTTGCAGAACTTAAA AGAATACTGTAAGATTGGGATTGATGCCACCTGAAAGTGAAGAGCCAACTGGAAACGTC ATAAGTGTCTTAAGAAGTTCGACTTTAACTAAATTCAAGGCCATTTATGGACAGAATAC CATGGTGGTGGTGCATCACTATATTTGATACAGCAAGAGCTTCTACAATATAATTAGT GATTATTGCATTCAATTTAATCAAAGAATAGTTTACCATAACACCAACAGGCCATCATT TATAGTTATCAGGTGGACCAGAGACCAGAATCTAATTGCGCAGATTCTCTTAATAAAATG TTAGTCTATATGTTTGTATTGGCTGGTGGTCTAAAGTGGTGGTTTATTCATTTTAG ACATTCTAATTTTTGACTCCTCAATGTATATATTGTGCATTTTACGCCAATGCACTTTCA AATGAACTGTTGAATTTCTCTGCAGATTAGTCAGATTATTTTTCAAAGGGGACCTC ACAATGATACACATTCTGCATGCTCCTGTGCATGTGACCTTGCCAATTCTGAACATC AAAAGCTGGAGTGATTTCTTCACTTCCCTTGAATCTGGGAGGCCCTGTGATTATTTGAC CAATAAAGCACAGGGTTGAAGTGTGATCACATGCAAGAAATGTGATTACCCCAAGATTAC TGCACTGTGAGAAGCCCAAGCAAGTGGAAAGGCTCTGGACGGTGAGTTGCCATGCAGGC AGAGGCAGGCCAAGGAAAACCATAGCACCTGACAGTGAATGAAAGTCATCTTGGAGTATA TCTCCAGTCCCCTGCCTCAGCTGACACCATAGGGATAAAAGACAAACCACCCAGTCAA GCTATTCTGAGTTCCTTACCTCCAAAACCATGAGTACAATAAAATGGATGATTTAAGCA AAAAAAAAAAAAA </pre>



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5' Read Nucleotide Sequence:	>OriGene 5' read for BC033057 unedited AGCGTCAAATTTTGTATACGACTCATATGGGCGGCCGCATAAATTTCGTATAGCATACATT ATACGAAGTTATGGATCAGGCCAAATCGGCCGAGCTCGAATTCGTGAGAGCGGGGGGCC GAGCGCGTGCAGAGGCTACAAGTGCCGTAGCTGGTGATTGGGGGACTTCTCCGGGAAC CGTGCCGGGAGAGCGCGGTGCTGGAGCCGACCGGGTGGCCGAAGCAGAAGAGACATG GTCTGGCTATGTTGCCTAGGCTGATCATGAACTCCTGGGCTCAAGCTATTCTCCAAACCT GGCCTCCCAAAGTCTGGGATTCAGCAGAGAAGATTCAAGAAGATTCCAGAAGTGGTCA AGACATTGATGTTAAACATAATGTTTCAGTGAAGGATGTTTGATTCCAAGACCTCTGAA AAGATTCTTTATCTACAGTTTCTAAGATGGCAGATTTGCAGAACTTAAAAGAATACTGTA AGATTGGGATTGATGCCACCTGAAAGTGAAGAGCCAAACTGAAAACGTCATAAGTGTCTT AAGAAGTTCGACTTTAACTAAATTCAAGGCCATTTATGGACAGAATACCATGGTGGGTG GTGTCATCACTATATTTGATACAGCAAGAGCTTCTACAATATAATTAGTGATTATTGCAT TCAATTTAATCAAAGAATAGTTTACCATAACACCAACAGGCCATCTTTTATAGTTATCA GGTGGACCAGAGACCAGAATCTAATTGCGCAGATTCTCTTATAAAATGTTAGTCTATATG GTTGGTTATGGGCTGGTGGTCTAAAGTGGTGGGTTTATTCATTTTAGACATTCTAATTT TTGACTCCTCAATGTATATATTGTGCATTTTACGCCNATGCACCTTAAATGAAAACGTG GAATTC
Restriction Sites:	Please inquire
ACCN:	BC033057
Insert Size:	1273 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:	<ol style="list-style-type: none">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:	BC033057.1 , AAH33057.1
RefSeq Size:	1273 bp
Locus ID:	157753
Cytogenetics:	8q23.1
Protein Families:	Transmembrane
Gene Summary:	Plays an essential role in autophagy. TMEM74-induced autophagy may involve PI3K signal transduction.[UniProtKB/Swiss-Prot Function]