

Product datasheet for **MC205807**

Tmem150a (NM_144916) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tmem150a (NM_144916) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tmem150a
Synonyms: BC014685; Tmem150
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC028825
CGGACCGTGGGCGAGGGGGCCGAGCAGGGAGAGCGGCAGCGGGCGGGGAGCTCCGGGAGGCCAGG
GCAGCTGATGATTGTGACCGAAATATCTCAAAGTAGCTGGCCTGCCCTTTTCCCACCTACCTGTTG
TCCTTACCCCAAACCTACCACCCTGGCTCCCTCATGACCGCCTGGATCCTCCTTCTGTGAG
CCTGTGACGCTTCTCCATCACCAGCATATGGACTGTGTATGCCATGGCCGTGATGAACCGCCACGTGTG
CCAGTGGAGAAGTGGTCTACAATGAATCCTGCTCCTGACCCTGCTGAACAAGGGGGCCCTAAGAGCT
GCTGCACCCTGGATGATGTTCTCTCATCAGCAAGTGTGGCACATACCCCGGAGAGCTGCCTCTTCA
CCTCATTGGCAACATGGGTGCTGTTATGGTGGCCCTCATCTGCCTCCTCGGTACGGGCAGCTCCTGAA
CAGAGCCGGCACTCCTGGATCAATACCACTGCACTCATCTGTTGCACCAACGCTGCAGGCCCTGTTG
TGGTCGGCAATTTTCAGGTGGACCATGCCAAGTCTTACACTACATCGGAAGTGGTGTGGCCTTCACTGC
TGGGCTGCTCTTTGTGTGCTGCACTGTGTTCTTCTTACCATGGGGCCACCACCCCTGGACATGGCT
ATGGCCTACCTTCGAAGTGTGCTGGCTGTGATCGCCTTATCACCTGGTCTTAGTGGAGTCTTCTTCC
TCCACGAGAGTTCTCAGCTCCAGCATGGAGCTGCTCTGTGTGAATGGGTGTTGTCTCGATATCCTCAT
TTTCTATGGCACCTTCAGCTATGAGTTCGGGACAATCTCCTCAGACACACTGGTGGCCGCACTACAGCT
GCCCGGGCAGGGCCTGTAAGTCTCTGGGAGCAGCAGCCTTACCCACCTCAACTGTGCTCCCGAGA
GTATTGCCATGATCTGAGGTCTGGAGGGTGGCTGGCCAGCCTCCAAAACACCCGACCTTACTTCT
TTGCATTTATTTGTACCAAAAACAAGTTTTAGAGAGTATTGTTGGGATCTAGGCTTCTTACTTCTGGA
GAAGTGGCCATCCAACACCCACCTGTGCCATAGAGGGACAGGGCCTCCACAGCTGCCTCTGCTGCTTGT
CTGTCCCCTCATACCAGAGTAGTATTCTGTGTTAAAGGTACCTGTCTCCTTGGCCAGCCAGCCCTT
AGGTGCCTTCTACTCCCAGTGCCAGAGCCAGACCACTGGGGCCTTCTGCTGCAGGAATTGGGGCTGGGGT
GGCAGGGGCTCACGAGTCTGGATGATGGAGGAGCATGCCTTAGCCTAAGGGAAGGCCACCCAGCTGCA
CTTGGGTTCTTCACTCTGCCCTCACTTCTTTAGGGCAAATAACACAGCAGAACCACACGAGTATTTTA
GTACTTTTTTATCTATTAAAAGAATTCTAATTTGCACGTCAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_144916



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Insert Size:	816 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:	BC028825 , AAH28825
RefSeq Size:	1531 bp
RefSeq ORF:	816 bp
Locus ID:	232086
UniProt ID:	Q91WN2
Cytogenetics:	6 C1
Gene Summary:	Regulates localization of phosphatidylinositol 4-kinase (PI4K) to the plasma membrane, possibly by reducing the association of TTC7 (TTC7A or TTC7B) with the PI4K complex. Acts as a regulator of phosphatidylinositol 4-phosphate (PtdIns(4)P) synthesis (By similarity). May also play a role in fasting-induced catabolism (By similarity).[UniProtKB/Swiss-Prot Function]