

Product datasheet for **MC207961**

Tmem150b (NM_001142792) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tmem150b (NM_001142792) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tmem150b
Synonyms: A630041N19; Tmem224
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC207961 representing NM_001142792
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTGGAATTACCTGTCCTTGCTGCCTGTCATCTTATTTCTGTGGGCTATAGCTGGCATCTGGATTGTTT
TTGCAATCGCTGTGGTTAATGGTTCTGTGGACCTCAACGAAGGCTTCCCTTTTATCAGTATCTGTGGCTC
TTATGCTCCTCAGAGCTGCATTTTCGGCCAAGTCTCAATATAGGAGCTGCTCTAACTGTTTGGATCTGC
ATTGTGCGTCATCACCACTCCGGGACTGGGGCGTCAAAACCTGGCAAACCAGCTAATTCTGTGGTCGG
GGATCCTTTGTGCCCTGGGTACCTCCATAGTAGGCAACTCCAGGACAAGAACCAGAAGCCACACACTT
GGCAGGGGCCCTTTCTGGCCTTATCCTGGGCAACCTGTACTTCTGGCTACAGTTTTTCTGCTCCTGGTGG
GTGAAAGGCCCTGCCCAACCTGGGCCCACTGGATTAAGTCTCTACGCCTGAGCCTCTGCAGCCTCTCCA
CCATCCTCATCGTGGCTATGATTGCTCCTGCACGCCCTACATATGCGCTCTGCCTCGGCTATCTGCGAGTG
GGTAGTGGCCATGTTGCTCTTTATGCTATTTGGCTTCTTTGCCGTGGACTTCTCCATTTTGGTGGCTGC
ACCCTGCATTACATCCCCGTCTGGACTCCAGCCTCCACAAGCTCCCTCTGGGTCTCCAATATACAGA
TGGCACAGGTGCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja3792_a05.zip
Restriction Sites: SgfI-MluI
ACCN: NM_001142792
Insert Size: 717 bp



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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:	<u>NM_001142792.1</u> , <u>NP_001136264.1</u>
RefSeq Size:	1025 bp
RefSeq ORF:	717 bp
Locus ID:	330460
UniProt ID:	<u>Q8R218</u>
Cytogenetics:	7 A1
Gene Summary:	<p>Modulator of macroautophagy that causes accumulation of autophagosomes under basal conditions and enhances autophagic flux (By similarity). Represses cell death and promotes long-term clonogenic survival of cells grown in the absence of glucose in a macroautophagy-independent manner (By similarity). May have some role in extracellular matrix engulfment or growth factor receptor recycling, both of which can modulate cell survival (By similarity). [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (1). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>