

Product datasheet for RN204692

Tmem206 (NM_001007679) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmem206 (NM_001007679) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tmem206
Synonyms:	RGD1359339
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN204692 representing NM_001007679 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGATCCGACAAGACCTCTCCACATCCTACCAGGAGCTCAGTGAAGAGTTGGAGCAGGTGGTTGAGAACT
CGGAGCAGGCAGATGAACGGGACAAGGAGCTGGTCCAAGTTCAAGGTCCAGGTGTTGTGCCAGGTGTGGA
CAATGAGTCTGCATCCAGCAGCATCCGCTTCAGCAAGGCCTGCCTGAAGAATGTCTTCTCGGTCTCCTC
ATTCTCATCTACCTGCTGCTCATGGCAGTGGCCGTCTTCTGGTCTACCAGACCATCACGGACTCCGAG
AAAAGCTCAAGCACCTGTCATGTCTGTGTCTTACAAGGAGGTGGATCGCTACGATGCTCCAGGGATTGC
CTTATACCCCGGTCAAGCTCAGCTGCTCAGCTGTAAAGCACCCTATGAGGTCACTCCACCTCTTGCCAGC
CCTGGCCAGCCCGGAGACAGAACTGCACCACTCAGAGGATCAATTACACCCACCCCTTCTCCAATCACA
CCATGCAGTCAGCCCTGATTGTCCAGGGGCCCCAGGAAGTGAAGAAGCGGGAGCTGGTGTCTCCTCAGTT
CCGCTGAACCAGAGCGACGAGGACTTCAGTGCCATTGACTATCTCCTCTTCTCCTTTCCGGGAGTTC
ATGCAAAGCCCGGACAAGGCGGGCTTATGCAGGCCTGTGAGAGTGCCTACTCCAGCTGGAAGTTCTCCG
GAGGCTTCCGCACCTGGGTCAAGATGTCACTGGTGAAGACCAAAGAAGAGGATGGCGGAGAAGCCGTTGA
GTTCCGGCAAGAGACCAGCGTGGTCAATTATATGACCAGAGGCCGCGCAGCCGAGAAGAGTACTCAGTTG
TTCTTTGTGGTCTTTGAATGGAAGGATCCCTTCATCCAGAAAGTCCAGGATATAATCACGGCCAATCCTT
GGAACACCATCGCCCTACTCTGCGGGCGTTCCTGGCATTATTTAAAGCAGCAGAGTTTGCCAAACTAAG
TGTGAAATGGATGATCAAATCAGGAAACGATACCTTAAACGGAGAGGCCAGCGCAAACACATAAGC
TGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001007679
Insert Size:	1053 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:	<u>NM_001007679.1</u> , <u>NP_001007680.1</u>
RefSeq Size:	1419 bp
RefSeq ORF:	1053 bp
Locus ID:	305070
UniProt ID:	<u>Q66H28</u>
Cytogenetics:	13q27
Gene Summary:	Proton-activated chloride channel that mediates import of chloride ion in response to extracellular acidic pH. Involved in acidosis-induced cell death by mediating chloride influx and subsequent cell swelling.[UniProtKB/Swiss-Prot Function]