

Product datasheet for **RN215891**

Tmem216 (NM_001271039) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmem216 (NM_001271039) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tmem216
Synonyms:	RGD1304607
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN215891 representing NM_001271039 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGCCGCGAGATAAAAGATTGCTCTCAACCCCTCTGGAAATCCTGTTCTTTCTGAATGGGTGGTACT
ATGCTACCTATTTCTGCTGGAGCTCCTTATTTTCCTGTACAAAGGTCTCCTGCTGCCATACCCAACAGC
CAACCTAGTCCTAGATGTGGTGATGCTGCTCCTTATCTTGGCATTGAAGTAATACGATTGTTTTTGGT
ACAAAGGGAACCTCTGCCAGCGAAAGATGCCCTTGGCATCAGTGTGGCCCTGACCTTCCCTTCTGCCA
TGATGGCTTCTATTACCTGCTGCTGCAGACCTACGTGCTCCGCCTAGAAGCTATTATGAACAGTATCTT
GCTCTTCTTTTGGCTCAGAGCTGCTGCTTGAGATGCTCAGCTGGCCACTTCTCCAGTATGGACAGG
ATCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001271039
Insert Size:	426 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).


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OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<u>NM_001271039.1, NP_001257968.1</u>
RefSeq Size:	1310 bp
RefSeq ORF:	426 bp
Locus ID:	361727
UniProt ID:	<u>B6ID01</u>
Cytogenetics:	1q43
Gene Summary:	Part of the tectonic-like complex which is required for tissue-specific ciliogenesis and may regulate ciliary membrane composition.[UniProtKB/Swiss-Prot Function]