

Product datasheet for RN202157

Tmem196 (NM_001044269) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmem196 (NM_001044269) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tmem196
Synonyms:	RGD1562527
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN202157 representing NM_001044269 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTGCACCAGCGGCCAGATCATTGGGAGCCTTTTGGTGCTCTCTGTGCTGGAGATAGGGCTGGGGGTGT
 CCAGCGTGGCGGTGGGGCGGTGAGCTTCAGCCTGGCTCTCCGAGAGCACACGCCGAGCTCGGAGACTC
 GTCCCCGTTTCTTTTGGCGCATATGTGAATACTGTGCGCCAAGAAAAAGTCAGGACTTGTATGATC
 CTCTTTTCAAGCTGCTGATCTGTGGACTCATCGGAGGCATCCTGAATTTTCAGTTTCTTCGGGCAGTCA
 CAAAAAGACCTCATCCCTGTACCACTGCATCTCGCTCCATGTCTTTGGCATGTATCGGCATTGGCGG
 CTGCACTGTCTCTTCTTGGCTCACTTGTCTAGCCAGCTATGAGCAAAGGAGGATGTTCTCAGAAAGG
 GAACATTCCTGCACTCTCATGAAATGGCTGAGAAAGAAAGTACAGACAACATGAGCAATGGAGCAC
 CACAAGTATTTAATGGAAGAGTACAATCAATGTTT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001044269
Insert Size:	531 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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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_001044269.1, NP_001037734.1</u>
RefSeq Size:	1684 bp
RefSeq ORF:	531 bp
Locus ID:	500750
UniProt ID:	<u>Q5EB63</u>
Cytogenetics:	6q33