

Product datasheet for RN207347

Gpm6a (NM_178105) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gpm6a (NM_178105) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gpm6a
Synonyms:	M6a
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN207347 representing NM_178105 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGAAGAGAATATGGAAGAAGGACAGACACAAAAAGGGTGTGTTTGTAGTGCTGCATTAATGCCTGGGAG
GTATTCCTATGCTTCTCTGATTGCTACCATCCTGCTGTATGCAGGCGTTGCCCTGTTCTGTGGCTGTGG
TCATGAAGCCCTTCTGGAACAGTCAACATTCTGCAGACCTACTTTGAGATGGCAAGAAGTCTGGAGAC
ACACTGGATGTTTTTACCATGATTGATATCTTTAAGTATGTGATCTACGGCATTGCGGCTGCTTTCTTTG
TCTATGGCATTACTGATGGTGAAGGTTTCTTCAACTGGGGCCATCAAAGATCTCTATGGGGACTT
CAAAATCACACCTGTGGCAGATGTGTGAGCGCTTGGTTTATCATGCTGACATACCTCTTATGTTGGCC
TGGCTGGGAGTCACAGCTTTTACCTCACTGCCAGTGTACATGTATTTCAACGTGTGGACCATCTGCCGGA
ATACTACACTCGTGGAGGGAGCAAATCTCTGCTTGGACCTTCGTCAAGTTGGGATTGTGACAATTGGAGA
GGAAAAGAAAATTTGACTGTCTCTGAGAACTTCTGAGGATGTGTGAATCTACTGAGCTGAACATGACC
TTCCACTTGTTCATTGTGGCCCTTGTGGAGCAGGAGCAGCAGTTATTGCTATGGTTCACTACCTTATGG
TTCTGTCTGCCAACTGGGCTATGTGAAAGATGCCTGCCGGATGCAGAAGTATGAAGACATCAAGTCAA
GGAGGAGCAAGAGCTTCATGACATTCATCCACCCGCTCAAAGAGCGGCTCAATGCATACACAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_178105
Insert Size:	837 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:	NM_178105.2 , NP_835206.1
RefSeq Size:	2826 bp
RefSeq ORF:	837 bp
Locus ID:	306439
UniProt ID:	Q812E9
Cytogenetics:	16p11
Gene Summary:	a NGF-gated Ca ²⁺ channel involved in neuronal differentiation [RGD, Feb 2006]