

Product datasheet for MC201796

PIIp (NM_026385) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: PIIp (NM_026385) Mouse Untagged Clone
Tag: Tag Free
Symbol: PIIp
Synonyms: 0610010I06Rik; AV001002; Plapi; Tm4sf11
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC024534 sequence for NM_026385
 CGCAGTCGCAGCCCCGGAGCAGCGCCGGGAGCGCGGCCAGAGCGTCGTAGGCTCGCGATCGCTATGGCGG
 AGTTCCCGTCGAAAGTGAGCACGAGGACCAGCAGCCCCGCGCAGGGCGTGGGAGCCTCTGTGTCTGCGCT
 GCGACCGGATCTGGGCTTCGTGCGCTCCGCTCTTGGGGTGCTCGCGCTTCTGCAGCTGGCACTGGGGCTG
 CTGGTGTGGGCCCTGATTGCTGACACCCCATACCATCTGTATCCTGCCTATGGCTGGGTCATGTTTTGTCG
 CTGTCTTCTCTGGCTGGTGACAATCGTCTTTCATCATCTACCTGTTCAACTGCACATGAAGTTGTA
 CATGGTGCCTGGCCGTTGGTGTACTGATCTTTTTTGTGCGTGCCACGGTTCTCTACATTACTGCCTTT
 ATCGCCTGTGCAGCGCGGTCGATCTGACATCCCTGAGGGGCTCCCGCCATATAACCAGCGCTCAGCTG
 CCTCTTTCTTTGCTTGTCTGGTGTGATTGCCTACGGAGTGAGCGCTTTCTTCAGCTTCCAGGCCTGGCG
 AGGAGTGGGTAGCAACCGGCCACGAGTCAGATGGCTGGGGGCTACTCCTAAGCCAGCTATGCTGTGGCC
 TGAGCCATGGCTGGGTCTTAGCACAGGGTCACCCCTAAGCTTACTGGACTCAAACCTCTCCAGCACTCCT
 GAGGAACCTGGCCCTACACTGGCACAGATGGAACCTGGCCAAGAGCCAGGGGTGGGGACATCCTCCACCTC
 CCTTATTCAGCAGAAGGTGATGGGGTTTGGGGAGCTCTGCCTTGTGATCAGAGAACCTCAGTAGCCAGG
 CTGGGCCACCCTGTTACCAGCACTAAATGCACTAACAGACCCTCAGCCTCTGACCTGCCTCAGTATAAC
 CCTAACAAAAGACAGATTATCTTTGTCCCAAGCCAAGTAAGCCCCGGGCTCTTCTGGTCCCACCGTCCC
 CTCCCCTGCCCATGCCAACCTGTACCTGTAGAGAGACTTTTATAGGAAGAGTTGGGATTTCTGGGACT
 GGACGATTTCTGATAACTGTTGGTTACAACAGTTTCCGATGGCAGCAAGCTCGCTAGGTCCTCCCTCA
 TGTGGAACCTCTCCCCTTTGGGAGAGCTAGCACCCGTGCAAGGGTTCTCCCCGCCCCCCCCGCCAGGCT
 GCTGATTAGGCACAGGGGACTTCCAAGGAGGGACAGAAGGAAGCAGGGCCTTGCCTGGTGAAGCTGTGATG
 GGGTTAATGGTGACTCTGTTTTGGAATTATTATTTTTTACAATTTAAATAAAAATGGAAGCATCTGTTTTG
 GAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_026385
Insert Size: 549 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:	BC024534 , AAH24534
RefSeq Size:	1349 bp
RefSeq ORF:	549 bp
Locus ID:	67801
UniProt ID:	Q9DCU2
Cytogenetics:	8 C5
Gene Summary:	Appears to be involved in myelination. Could also participate in ion transport events as addition of plasmolipin to lipid bilayers induces the formation of ion channels, which are voltage-dependent and K(+)-selective (By similarity).[UniProtKB/Swiss-Prot Function]