

Product datasheet for RN209434

PIIp (NM_022533) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: PIIp (NM_022533) Rat Untagged Clone
Tag: Tag Free
Symbol: PIIp
Synonyms: Tm4sf11
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN209434 representing NM_022533
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGGAGTCCCGTCGAAAGTGAGCACCAGGACCAGCAGCCCCGCGCAGGGCGTGGGAGCATCTGTGT
 CTGGATGCGACCGGACCTGGGCTTTGTGCGCTCCGCCCTGGGGTGCTCGCGCTTCTGCAGCTGGTGTCT
 GGGGCTGCTGGTGTGGGCTTGATTGCTGACACCCATACCACCTGTATCCTGCCTACGGCTGGGTATG
 TTTGTAGCTGTCTTCTCTGGCTGGTAACAATTGTCTTCTTCATCATCTACCTGTTTCAACTGCACATGA
 AGTTGTATATGGTGCCCTGGCCGTTGGTGTACTGGTCTTCTTTGTTGCTGCCACCGTCTCTATATCAC
 CGCCTTTGTGCGCTGTGCGGCGGCGGTGATCTGACATCCCTGAGGGGCTCCCGACCGTACAACCAGCGC
 TCGGCTGCCTCTTTCTTTGCTTGTCTGGTGATGATTGCCTACGGACTGAGTGCTTTCTTCAGCTCCAGG
 CCTGGCGAGGAGTGGGCAGCAACGCGGCCACGAGTCAGATGGCTGGGGGCTACTCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_022533
Insert Size: 549 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:	<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_022533.1</u> , <u>NP_071978.1</u>
RefSeq Size:	1475 bp
RefSeq ORF:	549 bp
Locus ID:	64364
UniProt ID:	<u>P47987</u>
Cytogenetics:	19p13
Gene Summary:	induces the formation of voltage dependent K ⁺ selective ion channels in lipid bilayers; may play a role in myelination [RGD, Feb 2006]