

Product datasheet for RN213911

Plp1 (NM_030990) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Plp1 (NM_030990) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Plp1
Synonyms:	Plp
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN213911 representing NM_030990 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGGTTTGTAGAGTGCTGTGCTAGATGTCTGGTAGGGGCCCTTTGCTTCCCTGGTGGCCACTGGAT
TGTGTTTCTTTGGAGTGGCACTGTTCTGTGGATGTGGACATGAAGCTCTCACTGGTACAGAAAAGTTAAT
TGAGACCTATTTCTCAAAAACCTACCAGGACTATGAGTATCTCATTAAATGTGATTCATGCTTTCCAGTAT
GTCATCTATGGAAGTGCCTCTTTCTTCTCCTTTATGGGGCCCTCTGCTGGCCGAGGGCTTCTACACCA
CCGGCGCTGTGAGCAGATCTTTGGCGACTACAAGACCACCATCTGCGGCAAGGGCTGAGCGCAACGGT
AACAGGGGGCCAGAAGGGGAGGGTTCCAGAGGCCAACATCAAGCTCATTCTTTGGAGCGGGTGTGTCAT
TGTTTGGGAAAATGGCTAGGACATCCCAGCAAGTTTGTGGGCATCACCTATGCCCTGACTGTTGTATGGC
TCCTGGTGTGCTGCTGCTGTGCCTGTGTACATTTACTTCAATACCTGGACCACCTGCCAGTCTAT
TGCTTCCCTAGCAAGACCTCTGCCAGTATAGGCAGTCTCTGCGCTGATGCCAGAATGTATGGTGTCTC
CCATGGAATGCTTTTCTGGCAAGGTTTGTGGCTCCAACCTTCTGTCCATCTGCAAAACAGCCGAGTTCC
AAATGACCTTCCACCTGTTTATTGCTGCATTTGTGGGTGCTGCAGCCACACTAGTTTCCCTGCTCACCT
CATGATTGCTGCCACTTACAACCTTCCCGTCTTAAACTCATGGGCCGAGGCCACCAAGTTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_030990
Insert Size:	834 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_030990.2 , NP_112252.1
RefSeq Size:	3096 bp
RefSeq ORF:	834 bp
Locus ID:	24943
UniProt ID:	P60203
Cytogenetics:	Xq32
Gene Summary:	This is the major myelin protein from the central nervous system. It plays an important role in the formation or maintenance of the multilamellar structure of myelin.[UniProtKB/Swiss-Prot Function]