

Product datasheet for MC226529

Plp1 (NM_001290562) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Plp1 (NM_001290562) Mouse Untagged Clone
Tag: Tag Free
Symbol: Plp1
Synonyms: DM20; jimpy; jp; msd; Plp; rsh
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC226529 representing NM_001290562
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGCTTGTTAGAGTGTGTGCTAGATGTCTGGTAGGGCCCCCTTTGCTTCCCTGGTGGCCACTGGAT
 TGTGTTTCTTTGGAGTGGCACTGTTCTGTGGATGTGGACATGAAGCTCTCACTGGTACAGAAAAGCTAAT
 TGAGACCTATTTCTCAAAAACCTACCAGGACTATGAGTATCTCATTAAATGTGATTCATGCTTTCCAGTAT
 GTCATCTATGGAAGTGCCTCTTTCTTCTCCTTTATGGGGCCCTCCTGCTGGCTGAGGGCTCTACACCA
 CCGGCGCTGTGAGGCAGATCTTTGGCGACTACAAGACCACCATCTGCGGCAAGGGCTGAGCGCAACGGT
 AACAGGGGGCCAGAAGGGGAGGGGTTCCAGAGGCCAACATCAAGCTCATTCTTTGGAGCGGGTGTGTGAT
 TGTTTTGGGAAAATGGCTAGGACATCCCAGCAAGTTTGTGGGATCACCTATGCCCTGACTGTTGTATGGC
 TCCTGGTGTGCTGCTCGGCTGTACCTGTGTACATTTACTTCAATACCTGGACCACCTGTCAGTCTAT
 TGCCTTCCCTAGCAAGACCTCTGCCAGTATAGGCAGTCTCTGCGCTGATGCCAGAATGTATGTTCCAAT
 GACCTTCCACCTGTTTATTGCTGCGTTTGTGGGTGCTGCGCCACACTAGTTTCCCTGCTCACCTTCATG
 ATTGCTGCCACTTACAACCTCGCCGTCCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001290562
Insert Size: 732 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001290562.1</u> , <u>NP_001277491.1</u>
RefSeq Size:	3399 bp
RefSeq ORF:	732 bp
Locus ID:	18823
UniProt ID:	<u>P60202</u>
Cytogenetics:	X 59.1 cM
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]