

Product datasheet for **RC218616A1V**

Human PLP1 (NM_000533) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PLP1 (NM_000533) AAV Particle
Tag:	Myc-DDK
Symbol:	PLP1
Synonyms:	GPM6C; HLD1; MMPL; PLP; PLP/DM20; PMD; SPG2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC218616 representing NM_000533 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGGCTTGTTAGAGTGCTGTGCAAGATGTCTGGTAGGGGCCCTTTGCTTCCCTGGTGGCCACTGGAT
TGTGTTTCTTTGGGTGGCACTGTTCTGTGGCTGTGGACATGAAGCCCTCACTGGCACAGAAAAGCTAAT
TGAGACCTATTTCTCAAAAACCTACCAAGACTATGAGTATCTCATCAATGTGATCCATGCCTTCCAGTAT
GTCATCTATGGAAGTGCCTCTTTCTTCTTCTTATGGGGCCCTCCTGCTGGCTGAGGGCTTCTACACCA
CCGGCGCAGTCAGGCAGATCTTTGGCGACTACAAGACCACCTCTGCGCAAGGGCTGAGCGCAACGGT
AACAGGGGGCCAGAAGGGGAGGGTTCCAGAGGCCAACATCAAGCTCATTCTTTGGAGCGGGTGTGTCTAT
TGTTTGGGAAATGGCTAGGACATCCCGACAAGTTTGTGGGCATCACCTATGCCCTGACCGTTGTGTGGC
TCCTGGTGTTCCTGCTCTGCTGTGCCTGTGTACATTTACTTCAACACCTGGACCACCTGCCAGTCTAT
TGCCTTCCCCAGCAAGACCTCTGCCAGTATAGGCAGTCTCTGTGCTGATGCCAGAATGTATGGTGTCTC
CCATGGAATGCTTCCCTGGCAAGGTTTGTGGCTCCAACCTTCTGTCCATCTGCAAAACAGCTGAGTTCC
AAATGACCTTCCACCTGTTTATTGCTGCATTTGTGGGGCTGCAGCTACACTGGTTTCCCTGCTCACCTT
CATGATTGCTGCCACTTACAACCTTGCCGTCCTTAACTCATGGGCCGAGGCACCAAGTTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC218616 representing NM_000533 Red=Cloning site Green=Tags(s) MGLLECCARCLVGAPFASLVATGLCFFGVALFCGCGHEALTGTEKLIETYFSKNYQDYEYLINVIHAFQY VIYGTASFFFLYGALLLAEGFYTTGAVRQIFGDYKTTICGKGLSATVTGGQKGRGSRGQHQAHS�ERVCH CLGKWLGHDPKDFVGITYALTVVWLLVFACSAVPVYIYFNTWTTCSIAFPSKTSASIGSLCADARMYGV PWNAPFGKVCGSNLLSICKTAEFQMTFHLFIAAFVGAAATLVSLTTFMIAATYNFAVLKLMGRGTFK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_000533
ORF Size:	831 bp
Buffer:	PBS with 0.001% Pluronic F68
Stability:	AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus.
RefSeq:	<u>NM_000533.3</u>
RefSeq Size:	3038 bp
RefSeq ORF:	834 bp
Locus ID:	5354
UniProt ID:	<u>P60201</u>
Cytogenetics:	Xq22.2
MW:	29.9 kDa