

Product datasheet for **RC202450A1V**

Human Myelin Protein Zero (MPZ) (NM_000530) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Myelin Protein Zero (MPZ) (NM_000530) AAV Particle
Tag:	Myc-DDK
Symbol:	Myelin Protein Zero
Synonyms:	CHM; CHN2; CMT1; CMT1B; CMT2I; CMT2J; CMT4E; CMTDI3; CMTDID; DSS; HMSNIB; MPP; P0
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC202450 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCTCCGGGCCCTGCCCTGCCCCAGCTATGGCTCCTGGGGCTCCCTCATCCAGCCCCAGCCCTATCC
TGGCTGTGCTGCTCTTCTCTTTGGTGTGTCCCGGCCAGGCCATCGTGGTTTACACCGACAGGGA
GGTCCATGGTGTGTGGGCTCCCGGTGACCTGCACTGCTCCTTCTGGTCCAGTGAGTGGGTCTCAGAT
GACATCTCCTTACCTGGCGCTACCAGCCGAAGGGGGCAGAGATGCCATTTTCGATCTTCCACTATGCCA
AGGGACAACCTACATTGACGAGGTGGGGACCTCAAAGAGCGCATCCAGTGGGTAGGGGACCTCGCTG
GAAGGATGGCTCCATTGTCATACACAACCTAGACTACAGTGACAATGGCACGTTCACTTGTGACGTCAAA
AACCTCCAGACATAGTGGCAAGACCTCTCAGGTACGCTGTATGTCTTTGAAAAAGTCCAACTAGGT
ACGGGGTCTTCTGGGAGCTGTGATCGGGGTGTCTCGGGTGGTGTGTTGCTGCTGCTGCTTTTCTA
CGTGGTTCGGTACTGCTGGCTACGCAGGCAGCGGCCCTGCAGAGGAGGCTCAGTGCTATGGAGAAGGGG
AAATTGCACAAGCCAGGAAAGGACGCGTCGAAGCGGGCGGCAGACGCCAGTGCTGTATGCAATGCTGG
ACCACAGCAGAAGCACCAAGCTGTCAGTGAGAAGAAGCCAAGGGGTGGGGGAGTCTCGCAAGGATAA
GAAA

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA


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Protein Sequence:	>RC202450 protein sequence Red=Cloning site Green=Tags(s) MLRAPAPAPAMAPGAPSSSPSPILAVLLFSSLVLSAQAIVVYTDREVGAVGSRVTLHCSFWSSEWVSD DISFTWRYQPEGGRDAISIFHYAKGPYIDEVGTFKERIQWVGDPWKDGSIVIHNLDYSDNGTFTCDVK NPPDIVGKTSQVTLYVFEKVPTRYGVVLGAVIGGVLGVLLLLLLFYVVRVCWLRRAALQRRLSAMEKG KLHKPGKDASKRGRQTPVLYAMLDHSRSTKAVSEKKAKGLGESRKDKK SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_000530
ORF Size:	774 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_000530.3</u>
RefSeq Size:	1980 bp
RefSeq ORF:	747 bp
Locus ID:	4359
UniProt ID:	<u>P25189</u>
Cytogenetics:	1q23.3
MW:	28.5 kDa