

Product datasheet for **RC223589A1V**

Human Marapsin2 (PRSS38) (NM_183062) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Marapsin2 (PRSS38) (NM_183062) AAV Particle
Tag:	Myc-DDK
Symbol:	Marapsin2
Synonyms:	MPN2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC223589 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCTGCCCTGCTTCCGTCATGGGCCCACTCGGGCCCTCTGCCCTGGGCCTTCTGCTGCTGCTCCTGG
TGGTGGCCCTCCCCGGGTGCGAGCATTGGTCCACAGACAGCCAGAGAACCAGGGAATCTCCCTAACTGG
CAGCGTGGCCTGTGGTCGGCCAGCATGGAGGGGAAAAATCCTGGGCGGCGTCCCTGCGCCCGAGAGGAAG
TGGCCGTGGCAGGTGAGCGTGCCTACGAGGCCTCCACGTCTGCGGCGGCTCCATCCTCAATGAGTACT
GGTGCTGTGAGCTGCGCACTGCTTTACAGGGACAAGAATATCAAAATCTATGACATGTACGTAGGCCT
CGTAAACCTCAGGGTGGACGGCAACCAACCCAGTGGTATGAGGTGAACAGGGTGATCCTGCACCCACACA
TATGAGATGTACCAACCCATCGGAGGTGACGTGGCCCTGGTGCAGCTGAAGACCCGATTGTGTTTTCTG
AGTCCGTGCTCCCGTTTGCCTTGCAACTCCAGAAGTGAACCTTACCAGTGCCAATTGCTGGGCTACGGG
ATGGGGACTAGTCTCAAAACAAGGTGAGACCTCAGACGAGCTGCAGGAGGTGCAGCTCCCGCTGATCCTG
GAGCCCTGGTGCCACCTGCTCTACGGACACATGCTTACATCATGCCCGACATGCTGTGTGCTGGGGACA
TCCTGAATGCTAAGACCGTGTGTGAGGGCGACTCCGGGGGCCCACTTGTCTGTGAATTCAACCGCAGCTG
GTTGCAGATTGAATTGTGAGCTGGGGCCGAGGCTGCTCAACCTCTGTACCCTGGAGTGTATGCCAGT
GTTTCCTATTTCTCAAAATGGATATGTGATAACATAGAAATCACGCCCACTCCTGCTCAGCCAGCCCTG
CTCTCTCTCAGCTCTGGGGCCCACTCTCAGCGTCCTAATGGCCATGCTGGCTGGCTGGTCAGTGCTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	<p>>RC223589 protein sequence</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MAAPASVMGPLGPSALGLLLLLVVAPPRVAALVHRQPENQGISLTGSVACGRPSMEGKILGGVPAPERK WPWQVSVHYAGLHVCGGSILNEYWVLSAAHCFHRDKNIKIYDMYVGLVNL RVDGNHTQWYEVNRVILHPT YEMYHPIGGDVALVQLKTRIVFSESVLPVCLATPEVNLT SANCWATGWGLVSKQGETSDELQEVQLPLIL EPWCHLLYGHMSYIMPDMLCAGDILNAKTVCEGDSGGPLVCEFNRSWLQIGIVSWGRGCSNPLYPGVYAS VSYFSKWICDNIEITPTPAQPAPALSPALGPTLSVLMAMLAGWSVL</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Species:	Human
Serotype:	AAV-2
ACCN:	NM_183062
ORF Size:	978 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:	NM_183062.2 , NP_898885.1
RefSeq Size:	1243 bp
RefSeq ORF:	981 bp
Locus ID:	339501
UniProt ID:	A1L453
Cytogenetics:	1q42.13
MW:	35.4 kDa