

Product datasheet for **RC223106A1V**

Human **GMPR2 (NM_001002002) AAV Particle**

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	GMPR2
Synonyms:	GMPR 2
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >RC223106 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCTCATATTGACAACGATGTGAACTGGACTTCAAGGATGTCCTTTTGAGGCCCAAACGCAGTACCC
TTAAGTCTCGAAGTGAGGTGGATCTACAAGATCCTTTTCATTCGGAACCTAAAGCAGACATACTCTGG
GGTCCCATCATTGCTGCCAATATGGATACTGTGGGCACCTTTGAGATGGCCAAGTTCTCTGTAAGTTC
TCTCTCTTCACTGCTGTCCATAAGCACTATAGCCTCGTTCAGTGGCAAGAGTTTGTCTGGCCAGAATCCTG
ACTGTCTTGAGCATCTGGCTGCCAGCTCAGGCACAGGCTCTTCTGACTTTGAGCAGCTGGAACAGATCCT
GGAAGCTATTCCCCAGGTGAAGTATATATGCCTGGATGTGGCAAATGGCTACTCTGAACACTTTGTTGAA
TTTGTAAGATGTACGGAAGCGCTTCCCCCAGCACACCATCATGGCAGGGAATGTGGTAACAGGAGAGA
TGGTAGAAGAGCTCATCTTTCTGGGGCTGACATCATCAAAGTGGGAATTGGGCCAGGCTCTGTGTGTAC
TACTCGGAAGAAAAGTGGAGTGGGTATCCACAGCTCAGCGCAGTGATGGAGTGTGCAGATGCTGCTCAT
GGCCTCAAAGGCCACATCATTTAGATGGAGTTGCAGCTGTCCTGGGGATGTGGCCAAGGCTTTTGGGG
CAGGAGCTGACTTCGTGATGCTGGGTGGCATGCTGGCTGGGCACAGTGAGTCAGGTGGTGAGCTCATCGA
GAGGGATGGCAAGAAGTACAAGCTCTTCTATGGAATGAGTTCTGAAATGGCCATGAAGAAGTATGCTGGG
GGCGTGGCTGAGTACAGAGCCTCAGAGGGAAGACAGTGGAAGTTCCTTTTAAAGGAGATGTGGAACATA
CCATCCGAGACATCCTAGGAGGATCCGCTCTACGTGTACCTATGTGGGAGCAGCTAAGCTCAAAGAGTT
GAGCAGGAGAACTACCTTCATCCGAGTCACCCAGCAGGTGAATCCAATCTTCAGTGAGGCGTGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>RC223106 protein sequence Red=Cloning site Green=Tags(s) MPHIDNDVKLDFKDVLLRPKRSTLKSRSSEVDLTRSF SFRNSKQTYSGVP IIAANMDTVGTFEMAKVLCKF SLFTA VHKHYSLVQWQEFAGQNPDCLEHLAASSGTGSSDFEQLEQILEAIPQVKYICLDVANGYSEHFVE FVKDVRKRFPQHTIMAGNVVTGEMVEELILSGADI IKVGIGPGSVCTTRKKTGVGYPQLSAVMECADA AH GLKGHIISDGGCSCPGDVAKAFGAGADFVMLGGMLAGHSESGGELIERDGKKYKLFYGMSSSEMAMKKYAG GVAEYRASEGKTVEVPFKGDVEHTIRDILGGIRSTCTYVGA AKLKELSRRTTFIRVTQQVNP I FSEAC TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001002002
ORF Size:	1044 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_001002002.1</u>
RefSeq Size:	1669 bp
RefSeq ORF:	1047 bp
Locus ID:	51292
UniProt ID:	<u>Q9P2T1</u>
Cytogenetics:	14q12
MW:	37.9 kDa