

Product datasheet for **RC207615A1V**

Human GPNMB (NM_001005340) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GPNMB (NM_001005340) AAV Particle
Tag:	Myc-DDK
Symbol:	GPNMB
Synonyms:	HGFIN; NMB; PLCA3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC207615 representing NM_001005340
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAATGTCTCTACTATTTCTGGGATTTCTGCTCCTGGCTGCAAGATTGCCACTTGATGCCGCCAAAC
 GATTTTCATGATGTGCTGGGCAATGAAAGACCTTCTGCTTACATGAGGGAGCACAAATCAATTAAATGGCTG
 GTCTTCTGATGAAATGACTGGAATGAAAACTCTACCCAGTGTGGAAGCGGGGAGACATGAGGTGGAAA
 AACTCCTGGAAGGGAGGCCGTGTGCAGGCGGTCTGACCACTGACTCACCAGCCCTCGTGGGCTCAAATA
 TAACATTTGCGGTGAACCTGATATCCCTAGATGCCAAAAGGAAGATGCCAATGGCAACATAGTCTATGA
 GAAGAACTGCAGAAATGAGGCTGGTTTATCTGCTGATCCGTATGTTTACAACGGACAGCATGGTCAGAG
 GACAGTGACGGGGAAAATGGCACCAGGCCAAGCCATCATAACGTCTTCCCTGATGGGAAACCTTTTCTC
 ACCACCCCGGATGGAGAAGATGGAATTTTCATCTACGTCTTCCACACACTTGGTCAGTATTTCCAGAAAT
 GGGACGATGTTTCACTGAGAGTTTCTGTGAACACAGCCAATGTGACACTTGGGCTCAACTCATGGAAGTG
 ACTGTCTACAGAAGACATGGACGGGCATATGTTCCCATCGCACAAAGTAAAGATGTGTACGTGGTAACAG
 ATCAGATTCTGTGTTTGTGACTATGTTCCAGAAGAACGATCGAAATTCATCCGACGAAACCTTCTCTCA
 AGATCTCCCCATTATGTTTGTGCTGCTGATTTCATGATCCTAGCCACTTCTCAATTATTCTACCATTAA
 TACAAGTGGAGCTTCGGGGATAATACTGGCCTGTTTGTTCACCAATCATCTGTGAATCACACGTATG
 TGCTCAATGGAACCTTCAGCCTTAACCTCACTGTGAAAGCTGCAGCACCAGGACCTTGTCGCCACCGCC
 ACCACCCAGACCTTCAAAACCCACCCCTTCTTAGCACTACTCTAAATCTTATGATTCAAACACC
 CCAGGACCTGCTGGTGACAACCCCTGGAGCTGAGTAGGATTCCTGATGAAAACGCCAGATTAACAGAT
 ATGGCCACTTTCAAGCCACCATCACAATTGTAGAGGGAATCTTAGAGGTTAACATCATCCAGATGACAGA
 CGTCTGATGCCGGTGCCATGGCTGAAAGCTCCCTAATAGACTTTGTCGTGACCTGCCAAGGGAGCATT
 CCCACGGAGGTCTGTACCATATTTCTGACCCACCTGCGAGATCACCCAGAACACAGTCTGCAGCCCTG
 TGGATGTGGATGAGATGTGTCTGCTGACTGTGAGACGAACCTTCAATGGGTCTGGGACGTAAGTGTGAA
 CCTCACCTGGGGATGACACAAGCCTGGCTCTCACGAGCACCCTGATTTCTGTTCTGACAGAGACCCA
 GCCTCGCCTTTAAGGATGGCAAACAGCGCCTGATCTCCGTGGCTGCTTGGCCATATTTGTCACTGTGA
 TCTCCCTCTTGGTGTACAAAAACACAAGGAATACAACCAATAGAAAATAGTCTGGGAATGTGGTCAG
 AAGCAAAGGCCTGAGTGTCTTTCTCAACCGTGCAAAAGCCGTGTTCTTCCGGGAAACCAGGAAAAGGAT
 CCGCTACTCAAAACCAAGAATTTAAAGGAGTTTCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

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MECLYYFLGFLLLAARLPLDAAKRFHDLGNERPSAYMREHNQLNGWSSDENDWNEKLYPVWKRGMRWK
 NSWKGGRVQAVLTS DSPALVGSNITFAVNLIFPRCQKEDANGNIYVEKNCRNEAGLSADPYVYNWTAWSE
 DSDGENTGQSHHNVFPDGKPFPHHPGWRWNFIYVFHTLGQYFQKLGRCSVRVSVNTANVTLGQPLMEV
 TVYRRHGRAYVPIAQVKDVVYVTDQIPVFVTMFQKNDNRNSSDETFLKDLPIMFVDLIHDP SHFLNYSTIN
 YKWSFGDNTGLFVSTNHTVNHTYVLNGTFSNLNTVKAAPGPCPPPPPPRPSKPTPSLATTLKSYDSNT
 PGPAGDNPLELSRIPDENCQINRYGHFQATITIVEGILEVNI IQMTDVLMPVPWPESLIDFVVT CQGS I
 PTEVCTIISDPTCEITQNTVCSPVDVDEMCLLTVRRTFNGSGTYCVNLTLGDDTSLALTSTLISVPDRDP
 ASPLRMANSALISVGCLAIFVTVISLLVYKKHKEYNPIENSPGNVVRSGLSVFLNRAKAVFFPGNQEKD
 PLLKNQEFKGV

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_001005340
ORF Size:	1716 bp
Buffer:	PBS with 0.001% Pluronic F6102
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_001005340.1</u> , <u>NP_001005340.1</u>
RefSeq Size:	2775 bp
RefSeq ORF:	1719 bp
Locus ID:	10457
UniProt ID:	<u>Q14956</u>
Cytogenetics:	7p15.3
MW:	63.92 kDa