

Product datasheet for **MR209028A1V**

Mouse Gpnmb (NM_053110) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Gpnmb (NM_053110) AAV Particle
Tag:	Myc-DDK
Symbol:	Gpnmb
Synonyms:	DC-HIL; Dchil; ipd
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR209028 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGAAGTCTCTGCGGGTCTCTGGGATTTCTGCTGCTGGCTGCAGGACTGCCTCTCAGGCTGCCAAGC
 GATTTTCGTGATGTGCTGGGCCATGAACAGTATCCAATCACATGAGAGAGCACAACTTACGTGGCTG
 GTCTTCGGATGAAATGAATGGGATGAACACCTGTATCCAGTGTGGAGGAGGGAGAGCGCAGGTGGAAG
 GACTCTGGGAAGGAGGCCGTGTGCAGGAGTCTGACCACTGACTCACCGCTCTGGTGGGTTCCAATA
 TCACCTTTGTGGTGAACCTGGTGTCCCGAGTGCCAGAAGGAAGATGCTAATGGCAATATCGTCTATGA
 GAAGAACTGCAGGAATGATTTGGGACTGACCTCTGACCTGCATGTCTACAAGTGGACTGCAGGGGCAGAT
 GATGGTGAAGTGGCAGCCGAGCCAGCATCTCAGGTTCCCGGACAGGAGGCCCTTCCTC
 GCCCCATGGATGGAAGAAATGGAGCTTTGTCTACGTCTTTCACACACTTGGCCAGTATTTCAAAAACT
 GGGTCGGTGTTCAGCACGGGTTTCTATAAACACAGTCACTTGACAGCTGGCCCTCAGGTCATGGAAGTG
 ACTGTCTTTGAAAGATACGGCCGGGCATACATCCCATCTCGAAGGTGAAAGATGTGTATGTGATAACAG
 ATCAGATCCCTGTATTCTGTGACCATGTCCAGAGAAGATGACAGGAAGTGTCTGATGAGATCTTCTCAG
 AGACCTCCCCATCGTCTTCGATGTCTCATTATGATCCAGCCACTTCTCAACGACTCTGCCATTTCC
 TACAAGTGAAGTCTTGGGACAACTGGCCTGTTTGTCTCCAACAATCACACTTTGAATCACACTTATG
 TGCTCAATGGAACCTTCAACCTAACCTCACCCTGCAAGTGCAGTGGCGGGCCATGCCCTCCCCCTTC
 GCCTTCGACTCCGCTCCACCTTCACTCCGCTCACCTCCGCTCACCTCTGCCACATTATCAACA
 CCTAGCCCCCTTTAATGCCTACTGGTTACAAATCCATGGAGCTGAGTGACATTTCCAATGAAAAGTCC
 GAATAAACAGATATGGTACTTACAGGCCACCATCACAAATGTAGAGGGGATCCTGGAAGTCAGCATCAT
 GCAGATAGCAGATGTCCCATGCCCACCCGAGCCTGCCAAGTCCCTGATGGACTTCACTGTGACCTGC
 AAAGGGGCCACCCCATGGAAGCCTGTACGATCATCTCCGACCCACCTGCCAGATCGCCAGAACCCGGG
 TCTGCAGCCCTGTGGCTGTGGATGGGCTGTGCCTGCTGTCTGTGAGAAGAGCCTTCAATGGGCTGGCAC
 CTACTGTGTGAATTTCACTCTGGGAGATGATGCAAGCCTGGCCCTCACCAGCACCTGATCTCTATCCCT
 GGCAAAGACCCAGACTCCCTCTGAGAGCAGTGAATGGTGTCTGATCTCCATTGGCTGCCTGGCTGTGC
 TTGTACCATGGTTACCATCTTGTGTACAAAAACACAAGGCGTACAAGCCAATAGGAAAGTCCCCAG
 GAACACGGTCAAGGGCAAAGGCCTGAGTGTCTCTCAGCCACGCGAAAGCCCCGTTCTCCGAGGAGAC
 CAGGAGAAGGATCCATTGCTCCAGGACAAGCCAAGGACACTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR209028 protein sequence
 Red=Cloning site Green=Tags(s)

MESLCGVLGFLLLAAGLPLQAAKFRDVLGHEQYPNHMREHNQLRGWSSDENWEHLYPVWRRGDGRWK
 DSWEGGRVQAVLTS DSPALVGSNITFVYNLVFPRCQKEDANGNIYVEKNCRNDLGLTSDLHVYNWTAGAD
 DGDWEDGTSRSQHLRFPDRPFPRPHGWKKWSFYVVFHTLGQYFQKLGRCSARVSINTVNLTAGPQVMEV
 TVFRRYGRAYIPIISKVKDVYVITDQIPVFVTMSQKNDRLSDEIFLRDLPIVFDVLIHDP SHFLNDSAIS
 YKWNFGDNTGLFVSNHNLNHTYVLNGTFNLNLTVQTAVPGPCPPSPSTPPPPSTPPSPPLPTLST
 PSPSLMPTGYKSMELSDISNENCRINRYGYFRATITVEGILEVSIQIADVPMPTPQPANSLMDFVTTC
 KGATPMEACTIISDPTCQIAQNRVCSVAVDGLCLLSVRRAFNGSGTYCVNFTLGDDASLALTSTLISIP
 GKDPDSPLRAVNGVLISIGCLAVLVTMTILLYKKHKAYKPIGNCPRNTVKGGLSVLLSHAKAPFFRGD
 QEKDPLLQDKPRTL

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:	NM_053110
ORF Size:	1722 bp
Buffer:	PBS with 0.001% Pluronic F149
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_053110.2</u> , <u>NP_444340.2</u>
RefSeq Size:	3798 bp
RefSeq ORF:	1725 bp
Locus ID:	93695
UniProt ID:	<u>Q99P91</u>
Cytogenetics:	6 23.82 cM
MW:	63.7 kDa