

## Product datasheet for **RC236688A1V**

### Human Major Basic Protein (PRG2) (NM\_001302926) AAV Particle

#### Product data:

**Product Type:** AAV Particles  
**Product Name:** Human Major Basic Protein (PRG2) (NM\_001302926) AAV Particle  
**Tag:** Myc-DDK  
**Symbol:** Major Basic Protein  
**Synonyms:** BMPG; MBP; MBP1; proMBP  
**Mammalian Cell Selection:** None  
**Vector:** pAAV-AC-Myc-DDK (PS100089)  
**ORF Nucleotide Sequence:** >RC236688 representing NM\_001302926  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCCGGATCGCC

ATGAACTCCCCTTACTTCTGGCTCTTCTATTTGGGCAGTTTCTGCTTTCATCTAAGGTCTGAGACTT  
CCACCTTTGAGACCCCTTTGGGTGCTAAGACGCTGCCTGAGGATGAGGAGACACCAGAGCAGGAGATGGA  
GGAGACCCCTTGACGGGAGCTGGAGGAAGAGGAGGAGTGGGGCTCTGGAAGTGAAGATGCCTCCAAGAAA  
GATGGGGCTGTTGAGTCTATCTCAGTGCCAGATATGGTGGACAAAACCTTACGTGTCTGAGGAAGAGG  
ACACGTA AAAAGTGGTGGGCATCCCTGGTGCCAGACCTGCCGCTACCTCTGGTGAGAAGTCTTCAGAC  
GTTTAGTCAAGCTTGGTTTACTTGGCGGAGGTGCTACAGGGGCAACCTGGTTTCCATCCACAACCTCAAT  
ATTAATTATCGAATCCAGTGTTCTGTCAGCGCGCTCAACCAGGGTCAAGTCTGGATTGGAGGCAGGATCA  
CAGGCTCGGGTCGCTGCAGACGCTTTCAGTGGGTTGACGGCAGCCGCTGGAACCTTGCCTACTGGGCTGC  
TCACCAGCCCTGGTCCC GCGGTGGTCACTGCGTGGCCCTGTGTACCCGAGGAGGCCACTGGCGTCGAGCC  
CACTGCCTCAGAAGACTTCTTTTCATCTGTTCTAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC236688 representing NM\_001302926  
Red=Cloning site Green=Tags(s)

MKLPLLLALLFGAVSALHLRSETSTFETPLGAKTLPEDEETPEQEMEETPCRELEEEEEWGSSEDASKK  
DGAVESISVPDMVDKNLTCPEEEDTVKVVGIPGCQTCRYLLVRSLQTF SQAWFTCRRCYRGNLVSIIHNFN  
INYRIQCSVSALNQGQVWIGGRITGSGRCRRFQWVDGSRWNFA YWAAHQPW SRGGHCVALCTRGGHWRRR  
HCLRRLPFICSY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV



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Species:	Human
Serotype:	AAV-2
ACCN:	NM_001302926
ORF Size:	666 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:	<a href="#">NM_001302926.1</a> , <a href="#">NP_001289855.1</a>
RefSeq Size:	1427 bp
RefSeq ORF:	669 bp
Locus ID:	5553
UniProt ID:	<a href="#">P13727</a>
Cytogenetics:	11q12.1
MW:	25.2 kDa