

## Product datasheet for **RC229588A1V**

### Human MOG1 (RANGRF) (NM\_001177801) AAV Particle

#### Product data:

**Product Type:** AAV Particles  
**Product Name:** Human MOG1 (RANGRF) (NM\_001177801) AAV Particle  
**Tag:** Myc-DDK  
**Symbol:** MOG1  
**Synonyms:** HSPC165; HSPC236; MOG1; RANGNRF  
**Mammalian Cell Selection:** None  
**Vector:** pAAV-AC-Myc-DDK (PS100089)  
**ORF Nucleotide Sequence:** >RC229588 representing NM\_001177801  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGAGCCCACGAGAGACTGCCCGCTGTTCCGGGGCGCCTTTCCGCCATCCTCCCCATGGGGGCCATTG  
 ACGTAAGCGACCTCCGACCGGTCCCGGACAATCAAGAAGTTTTCTGCCATCCCGTGACGGACCAGAGCCT  
 GATAGTGAACCTCTCGAGCTGCAGGCCACGTACGGGGCGAAGCGGCTGCGCGGTACCACTTTGAGGAT  
 GTTGGTGGCGTGCAGGGGGCTAGGGCTGTCCATGTGGAGTCTGTTACGCTCTCAGTTTGAGAACCTGG  
 CCCTGAGGGCCGCTGTCAAGAAGCCTGGGTCCTCTTGCAAGCAGCAGATAGCTAAGGAAAACCAGCA  
 GGTAGCAAAGGACGTGACACTTCATCAGGCCTTGCTGAGGCTGCCCCAGTACCAGACTGATCTCTTGCTT  
 ACCTTCAATCAGCCCCG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC229588 representing NM\_001177801  
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MEPTRDCPLFGGAFSAILPMGAIDVSDLRPVPDNQEVFCHPVTQDSLIVELLELQAHVRGEAAARYHFED  
 VGGVQGARAVHVESVQPLSLENLALRGRQEAWVLSGKQQIAKENQQVAKDVTLLHQALLRPLQYQTDLLL  
 TFNQPP

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:** Human  
**Serotype:** AAV-2



ACCN:	NM_001177801
ORF Size:	438 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_001177801.1</u>
RefSeq ORF:	441 bp
Locus ID:	29098
UniProt ID:	<u>Q9HD47</u>
Cytogenetics:	17p13.1
MW:	16.6 kDa