

Product datasheet for **RC207133A1V**

Human Myotrophin (MTPN) (NM_145808) AAV Particle

Product data:

Product Type: AAV Particles
Product Name: Human Myotrophin (MTPN) (NM_145808) AAV Particle
Tag: Myc-DDK
Symbol: Myotrophin
Synonyms: GCDP; V-1
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RC207133 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTGCGACAAGGAGTTCATGTGGGCCCTGAAAAACGGAGACTTGGATGAGGTGAAAGACTATGTGGCCA
 AGGGAGAAGATGTCAACCGGACACTAGAAGGTGGAAGGAAACCTCTTCATTATGCAGCAGATTGTGGCA
 GCTTGAAATCCTGGAATTTCTGCTGCTGAAAGGAGCAGATATTAATGCTCCAGATAAACATCATATTACT
 CCTCTTCTGTCTGCTGTCTATGAGGGTCATGTTTCTGTGTGAAATTGCTTCTGTCAAAGGGTGCTGATA
 AGACTGTGAAAGGCCAGATGGACTGACCGCCTTTGAAGCCACTGACAACCGCAATCAAAGCTCTTCT
 CCAG

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC207133 protein sequence
 Red=Cloning site Green=Tags(s)

MCDKEFMWALKNGDLDEVKDYVAKGEDVNRTLEGGRKPLHYAADCGQLEILEFLLLKGADINAPDKHHIT
 PLLSAVYEGHVSCVKLLLSKGADKTVKGPDGLTAFEATDNQAIKALLQ

SGP**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Species: Human
Serotype: AAV-2
ACCN: NM_145808


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ORF Size:	354 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_145808.1</u>
RefSeq Size:	3900 bp
RefSeq ORF:	357 bp
Locus ID:	136319
UniProt ID:	<u>P58546</u>
Cytogenetics:	7q33
MW:	12.9 kDa