

Product datasheet for **RC210368A1V**

Human Myostatin Propeptide (MSTN) (NM_005259) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Myostatin Propeptide (MSTN) (NM_005259) AAV Particle
Tag:	Myc-DDK
Symbol:	Myostatin Propeptide
Synonyms:	GDF8; MSLHP
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC210368 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGCAAAACTGCAACTCTGTGTTTATTTACCTGTTTATGCTGATTGTTGCTGGTCCAGTGGATCTAA
ATGAGAACAGTGAGCAAAAAGAAAAATGTGGAAGAGGGGCTGTGTAATGCATGTAAGTGGAGACAAA
CACTAAATCTTCAAGAATAGAAGCCATTAAGATACAAATCCTCAGTAACTTCGTCGGAACAGCTCCT
AACATCAGCAAGATGTTATAAGACAACCTTTACCCAAAGCTCCTCCACTCCGGAACTGATTGATCAGT
ATGATGTCCAGAGGGATGACAGCAGCGATGGCTCTTTGGAAGATGACGATTATCAGCTACAACGGAAC
AATCATTACCATGCCTACAGAGTCTGATTTTCTAATGCAAGTGGATGGAAAACCCAAATGTTGCTTCTTT
AAATTTAGCTCTAAAATACAATACAATAAAGTAGTAAAGGCCCACTATGGATATATTTGAGACCCGTCG
AGACTCCTACAACAGTGTGTTGTGCAATCCTGAGACTCATCAAACCTATGAAAGACGGTACAAGGTATAC
TGGAATCCGATCTCTGAACTTGACATGAACCCAGGCACTGGTATTTGGCAGAGCATTGATGTGAAGACA
GTGTTGCAAAATTGGCTCAAACAACCTGAATCCAACCTTAGGCATTGAAATAAAAGCTTTAGATGAGAATG
GTCATGATCTTGCTGTAACCTTCCAGGACCAGGAGAAGATGGGCTGAATCCGTTTTAGAGGTCAAGGT
AACAGACACACCAAAAAGATCCAGAAGGGATTTTGGTCTTGACTGTGATGAGCACTCAACAGAATCACGA
TGCTGTGCTTACCTCTAACTGTGGATTTGAAGCTTTTGGATGGGATTGGATTATCGCTCCTAAAAGAT
ATAAGGCCAATTACTGCTCTGGAGAGTGTGAATTTGTATTTTACAAAAATATCCTCATACTCATCTGGT
ACACCAAGCAAAACCCAGAGGTTTCAGCAGGCCCTTGCTGTACTCCACAAAGATGTCTCCAATTAATATG
CTATATTTTAATGGCAAAGAACAATAATATATGGGAAAATTCAGCGATGGTAGTAGCCGCTGTGGGT
GCTCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC210368 protein sequence Red=Cloning site Green=Tags(s) MQKLQLCVYIYLFMLIVAGPVDLNENSEQKENVEKEGLCNACTWRQNTKSSRIEAIKIQILSKLRLETAP NISKDVIRQLLPKAPPLRELIDQYDVQRDDSSDGSLEDDDYHATTETIITMPTESDFLMQVDGPKKCCFF KFSSKIQYNKVKAQLWIYLRPVETPTTVFVQILRLIKPMKDGTRYTGIRSLKLDMPGTGIWQSIDVKT VLQNWLLKQPEANLGEIKALDENGHDLAVTFPGPGEDGLNPFLEVKVTDTPKRSRRDFGLDCDEHSTESR CCRYPLTVDFEAFGWDWIIAPKRYKANYCSGECFVFLQKYPHTHLVHQANPRGSAGPCCTPTKMSPINM LYFNGKEQIIYGKIPAMVVDRCGCS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_005259
ORF Size:	1125 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:	NM_005259.1
RefSeq Size:	2823 bp
RefSeq ORF:	1128 bp
Locus ID:	2660
UniProt ID:	O14793
Cytogenetics:	2q32.2
MW:	42.8 kDa