

Product datasheet for **RC222835A1V**

Human MUC20 (NM_152673) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human MUC20 (NM_152673) AAV Particle
Tag:	Myc-DDK
Symbol:	MUC20
Synonyms:	MUC-20
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC222835 representing NM_152673
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGGGCTGTCTCTGGGTCTGGCTCTGCCCTTTTCTTCTCTGCTGGGAGGTTGGGTCTCTGGGAGCT
 CTGCAGGCCCCAGCACCCGACAGAGCAGACACTGCGATGACAACGACGACACAGAAAGTGGCCGCTATGAC
 TCTAGCACCGGCCACGCCGCTCTGAAACTCAAACGCTGAGCGCTGAGACCTCTTCTAGGGCTCAACC
 CCAGCCGGCCCCATTCCAGAAGCAGAGACCAGGGGAGCCAAGAGAATTTCCCTGCAAGAGAGACCAGGA
 GTTTCACAAAAACATCTCCAACTTCATGGTGTGATCGCCACCTCCGTGGAGACATCAGCCGCCAGTGG
 CAGCCCCGAGGGAGCTGGAATGACCACAGTTCAGACCATCACAGGCAGTGATCCAGGGAAGCCATCTTT
 GACACCTTTGCACCGATGACAGCTCTGAAGAGGCAAAGACACTCACAATGGACATATTGACATTGGCTC
 ACACCTCCACAGAAGCTAAGGGCTGTCTCAGAGAGCAGCGCTCTTCCGACAGCCCCCATCCAGTCAT
 CACCCCGTCACGGGCTCAGAGAGCAGCGCTCTTCCGACGGCCCCCATCCAGTCATCACCCCGTCACGG
 GCCTCAGAGAGCAGCGCTCTTCCGACGGCCCCCATCCAGTCATCACCCCGTCATGGTCCCCGGGATCTG
 ACGTCACTCTCTCGCTGAAGCCCTGGTGACTGTCACAAACATCGAGGTATTAATTGACGATCACAGA
 AATAGAAACAACGACTTCCAGCATCCCTGGGGCTCAGACACAGATCTCATCCCCACGGAAGGGGTGAAG
 GCCTCGTCCACCTCCGATCCACAGCTCTGCCTGACTCCACTGAAGCAAAACACACATCACTGAGGTCA
 CAGCCTCTGCCGAGACCTGTCCACAGCCGCCACACAGAGTCAGCTGCACCTGATGCCACGGTTGGGAC
 CCCACTCCCCACTAACAGCGCCACAGAAAGAGAAGTGACAGCACCCGGGGCCACGACCTCAGTGGAGCT
 CTGGTCACAGTTAGCAGGAATCCCTTTGAAGAACTCAGCCCTCTCTGTTGAGACACCAAGTTACGTCA
 AAGTCTCAGGAGCAGCTCCGGTCTCCATAGAGGCTGGGTGACAGTGGGCAAAACAACTTCCTTTGCTGG
 GAGCTCTGCTTCTCTACAGCCCTCGGAAGCCGCCCTCAAGAACTTCACCCCTCAGAGACACCGACC
 ATGGACATCGCAACCAAGGGGCCCTTCCCCACAGCAGGACCTCTTCTTCTGTCCCTCCGACTACAA
 CCAACAGCAGCCGAGGGACGAACAGCACCTTAGCCAAGATCACAACTCAGCGAAGACCACGATGAAGCC
 CCCAACAGCCACGCCACGACTGCCCGACGAGCCGACCACAGAGCTGAGTGCAGGTGAAAATGGAGGT
 TTCTCTCTCTGCGGCTGAGTGTGGCTTCCCCGGAAGACCTCACTGACCCAGAGTGGCAGAAAGGCTGA
 TGCAGCAGCTCCACCGGAACTCCACGCCACGCGCTCACTTCCAGGTCTCTTACTGCGTGTGAGGAG
 AGGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MGCLWGLALPLFFFCWEVGVSGSSAGPSTRRADTAMTTDDTEVPAMTLAPGHAALETQTLAETSSRAST
 PAGPIPEAETRGAKRISPARETRSFTKTPNFMVLIATSVETSAAAGSPEGAGMTTVQITIGSDPREAIF
 DTLCTDSSSEAKLTMDILTALHTSTEAKGLSSESSASSDSPHPVITPSRAESSASSDGPHPVITPSR
 AESSASSDGPHPVITPSWSPGSDVTLLAEALVTNIEVINCSITEIETTTSSIPGASDLDLIPTEGVK
 ASSTSDPPALPDSTEAKPHITEVTASAETLSTAGTTESAAPDATVGTPLPTNSATEREVTAPGATTLSGA
 LVTVSRNPLEETSALSVETPSYVKVSGAAPVSI EAGSAVGKTTSFAGSSASSYSPSEALKNFPTSETPT
 MDIATKGFPPTS RDPLPSVPPTTTNSSRGNTSLAKITTS AKTTMKPPTATPTTARTPTTDVSAGENG
 FLLLRLSVASPEDLTDPRVAERLMQQLHRELHAHAPHFQVSLLRVRRG

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_152673

ORF Size:	1614 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_152673.2</u> , <u>NP_689886.2</u>
RefSeq Size:	6211 bp
RefSeq ORF:	1617 bp
Locus ID:	200958
UniProt ID:	<u>Q8N307</u>
Cytogenetics:	3q29
MW:	55 kDa