

Product datasheet for **RC221018A1V**

Human NUMB (NM_001005744) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human NUMB (NM_001005744) AAV Particle
Tag:	Myc-DDK
Symbol:	NUMB
Synonyms:	C14orf41; c14_5527; S171
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC221018 representing NM_001005744
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAACAAATTACGGCAAAGTTTATAGGAGAAAGAGGATGTTTATGTTCCAGAGGCCAGTCGTCCACATC
 AGTGGCAGACAGATGAAGAAGGCGTTCGCACCGGAAAAATGTAGCTTCCCGTTAAGTACCTTGCCATGT
 AGAAGTTGATGAATCAAGAGGAATGCACATCTGTGAAGATGCTGTAAAAAGATTGAAAGCTGAAAGGAAG
 TTCTTCAAAGGCTTCTTTGAAAAAACTGGAAAGAAAGCAGTTAAAGCAGTTCTGTGGGTCTCAGCAGATG
 GACTCAGAGTTGTGGATGAAAAAACTAAGGACCTCATAGTTGACCAGACGATAGAGAAAGTTTCTTTCTG
 TGCCCCAGACAGGAACTTTGATAGAGCCTTTTCTTACATATGCCGTGATGGCACCACCTCGTCGTGGATC
 TGCTACTGCTTCATGGCTGTCAAGGACACAGGTGAAAGGTTGAGCCATGCAGTAGGCTGTGCTTTTGCAG
 CCTGTTTAGAGCGCAAGCAGAAGCGGGAGAAGGAATGTGGAGTGACTGCTACTTTTGATGCTAGTCGGAC
 CACTTTTACAAGAGAAGGATCATTCCGTGTACAACAGCCACTGAACAAGCAGAAAGAGAGGAGATCATG
 AAACAAATGCAAGATGCCAAGAAAGCTGAAACAGATAAGATAGTCGTTGGTTTCATCAGTTGCCCTGGCA
 ACACTGCCCCATCCCCATCCTCTCCACCTCTCTACTTCTGATGCCACGACCTCTCTGGAGATGAACAA
 TCCTCATGCCATCCCACGCCGCATGCTCCAATTGAACAGCTTGCTCGCCAAGGCTCTTTCCGAGGTTTT
 CCTGCTCTTAGCCAGAAGATGTCACCTTTAAACGCCAATATCCCTACGCATCAATGAGTTGCCTTCCA
 CTATGCAGAGGAAGACTGATTTCCCATTAATAATGCAGTGCCAGAAGTAGAAGGGGAGGCAGAGAGCAT
 CAGTCCCTGTGCTCACAGATCACCAATGCCTTCAGCACACCTGAGGACCCCTTCTCATCTGCTCCGATG
 ACCAAACAGTGACAGTGGTGGCACCACAATCTCTACCTTCCAAGGGACCGAGTGGGGTCAATCTTCTG
 GTGCTGCCTCTCCAGGTCTCTTCCAGGCCGCTCATAGAGCTACTCCCTCTGAGGCCGACCGATGGTTAGA
 AGAGGTGTCTAAGAGCGTCCGGGCTCAGCAGCCCCAGGCCTCAGCTGCTCCTCTGCAGCCAGTTCTCCAG
 CCTCTCCACCCACTGCCATCTCCAGCCAGCATCACCTTTCCAAGGAATGCATTCTCACCTCTCAGC
 CTGTGCCAGTGGGTGTGGTCCCAGCCCTGCAACCAGCCTTTGTCCCTGCCAGTCCTATCCTGTGGCCAA
 TGGAATGCCCTATCCAGCCCCTAATGTGCTGTGGTGGGCATCACTCCCTCCAGATGGTGGCAACGTA
 TTTGGCACTGCAGGCCACCTCAGGCTGCCATCCCCATCAGTCACCCAGCCTGGTCAGGCAGCAGACAT
 TCCCTCACTACGAGGCAAGCAGTGCTACCACAGTCCCTCTTTAAGCCTCTGCTCAGCACCTCAACGG
 TTCTGCAGCTTTCAATGGTGTAGATGATGGCAGGTTGGCCTCAGCAGACAGGCATACAGAGGTTCTTACA
 GGCACCTGCCAGTGGATCCTTTGAAGCCAGTGGGCTGCATTAGAAAATAAGTCCAAGCAGCGTACTA
 ATCCCTCCCCTACCAACCCTTTCTCAGTGACTTACAGAAGACGTTTGAAATTGAACCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MNKLRSQFRRKKDVVPEASRPQWQTDDEEGVRTGKCSFPVKYLGHVEVDES RGMHICEDAVKRLKAERK
 FFKGFFGKTGKKAVKAVLWVSADGLRVVDEKTKDLIVDQTIKVSFCAPDRNFDRAFSYICRDGTTTRRWI
 CHCFMAVKDTGERLSHAVGCAFAACLERKQKREKECGVTATFDASRTTFTREGSFRVTTATEQAEREIIM
 KQMQDAKKAETDKIVVGSSVAPGNTAPSPSSPTSPTSDATTSLEMNPHAIIPRRHAPIEQLARQGSFRGF
 PALSQKMSPFKRQLSLRINELPSTMQRKTDFFIKNAVPEVEGEAESISLCSQITNAFSTPEDPFSSAPM
 TKPVTVVAPQSPTFQGTWQSSGAASPLFQAGHRRTPSEADRWLEEVSKSVRAQQPQASAAPLQPVQLQ
 PPPPTAISQPASPFQGNALTSQPVVGVVPALQPAFVPAQSYPVANGMPYPAPNVVVGITPSQMVANV
 FGTAHPQAHPHQSPSLVRQQTFFHYEASSATSPFFKPPAQHLNGSAAFNGVDDGRLASADRHTEVP
 GTPCPVPFEAQWAALENKSKQRTNPSPTNPFSSDLQKTFEIEL

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_001005744
ORF Size:	1809 bp
Buffer:	PBS with 0.001% Pluronic F8273
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_001005744.1, NP_001005744.1</u>
RefSeq Size:	3503 bp
RefSeq ORF:	1812 bp
Locus ID:	8650
UniProt ID:	<u>P49757</u>
Cytogenetics:	14q24.2-q24.3
MW:	65.7 kDa