

Product datasheet for **RC202139A1V**

Human Granulin (GRN) (NM_002087) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Granulin (GRN) (NM_002087) AAV Particle
Tag:	Myc-DDK
Symbol:	GRN
Synonyms:	CLN11; GEP; GP88; PCDGF; PEPI; PGRN
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC202139 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGTGGACCTGGTGAGCTGGGTGGCCTTAACAGCAGGGCTGGTGGCTGGAACGCGGTGCCAGATGGTC
 AGTTCTGCCCTGTGGCTGCTGCCTGGACCCCGGAGGAGCCAGCTACAGCTGCTGCCGTCCCCTTCTGGA
 CAAATGCCCCACAACACTGAGCAGGCATCTGGGTGGCCCTGCCAGTTGATGCCCACTGCTCTGCCGGC
 CACTCTGCATCTTTACCGTCTCAGGGACTTCCAGTTGCTGCCCTTCCCAGAGGCCGTGGCATGCCGGG
 ATGGCCATCACTGCTGCCACGGGGCTTCCACTGCAGTGCAGACGGGCGATCCTGCTTCCAAAGATCAGG
 TAACAACTCCGTGGGTGCCATCCAGTGCCTGATAGTCAGTTTGAATGCCCGGACTTCTCCAGTGTGT
 GTTATGGTCGATGGCTCCTGGGGGTGCTGCCCCATGCCCAGGCTTCTGCTGTGAAGACAGGGTGCAT
 GCTGTCCGCACGGTGCCTTCTGCGACCTGGTTACACCCGCTGCATCACACCCACGGGCACCCACCCCT
 GGCAAAGAAGCTCCCTGCCAGAGGACTAACAGGGCAGTGGCCTTGTCCAGCTCGGTATGTGTCCGGAC
 GCACGGTCCCGGTGCCCTGATGGTTCTACCTGCTGTGAGCTGCCAGTGGGAAGTATGGCTGCTGCCAA
 TGCCCAACGCCACCTGCTGCTCCGATCACCTGCACTGCTGCCCAAGACACTGTGTGTGACCTGATCCA
 GAGTAAGTGCCTCTCAAAGGAGAACGCTACCACGGACCTCCTCACTAAGCTGCCTGCGCACACAGTGGGG
 GATGTGAAATGTGACATGGAGGTGAGCTGCCAGATGGCTATACCTGCTGCCGTCTACAGTCGGGGGCT
 GGGGCTGCTGCCCTTTTACCCAGGCTGTGTGCTGTGAGGACCACATACACTGCTGTCCCGCGGGTTTAC
 GTGTGACACGCAGAAGGTACCTGTGAACAGGGGCCACCAGGTGCCCTGGATGGAGAAGGCCCCAGCT
 CACCTCAGCCTGCCAGACCCACAAGCCTTGAAGAGAGATGTCCCTGTGATAATGTCAGCAGCTGTCCCT
 CCTCCGATACCTGCTGCCAACTCACGTCTGGGGAGTGGGGCTGCTGTCCAATCCAGAGGCTGTCTGTG
 CTCGGACCAACGCACTGCTGCCCCAGGGCTACACGTGTGTAGCTGAGGGGCAGTGTACGCGAGGAAGC
 GAGATCGTGGCTGGACTGGAGAAGATGCCTGCCCGCGGGCTTCTTATCCCAACCCAGAGACATCGGCT
 GTGACCAGCACACCAGCTGCCCGGTGGGGCAGACCTGCTGCCGAGCCTGGGTGGGAGCTGGGCCTGCTG
 CCAGTTGCCCCATGCTGTGTGCTGCGAGGATCGCCAGCACTGCTGCCCGCTGGCTACACCTGCAACGTG
 AAGGCTCGATCCTGCGAGAAGGAAGTGGTCTCTGCCAGCCTGCCACCTTCTGGCCGTAAGCCTCACG
 TGGGTGTGAAGGACGTGGAGTGTGGGAAGGACACTTCTGCCATGATAACCAGACCTGCTGCCGAGACAA
 CCGACAGGGCTGGGCCTGCTGTCCCTACCGCCAGGGCTGCTGTTGTGCTGATCGCGCCACTGCTGTCT
 GCTGGCTTCCGCTGCGCAGCCAGGGGTACCAAGTGTTCGCGAGGGAGGCCCGCTGGGACGCCCTT
 TGAGGGACCCAGCCTTGAGACAGCTGCTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC202139 protein sequence
 Red=Cloning site Green=Tags(s)

MWTLVSWVALTAGLVAGTRCPDQFCPVACCLDPGGASYSCRPLLDKWPTTLSRHLGGPCQVDAHCSAG
 HSCIFTVSGTSSCCPFPEAVACGDGHHCCPRGFHCSADGRSCFQSGNNSVGAIQCPDSQFECPDFSTCC
 VMVDGSWGCCPMPQASCCEDRVHCCPHGAFCDLVHTRCITPTGTHPLAKKLPAQRTNRAVALSSVMCPD
 ARSRCPDGSTCCCLPSGKYGCCPMPNATCCSDHLHCCPQDTVCDLIQSKCLSKENATDILLTKLPAHTVG
 DVKCDMEVSCPDGYTCCRLQSGAWGCCPFTQAVCCEDHIHCCPAGFTCDTQKGTCEQGPQVPMMEKAPA
 HLSLPDPQALKRDVPCDNVSSCPSSDTCCQLTSGEWGCCPIPEAVCCSDHQHCCPQGYTCVAEQCQGRS
 EIVAGLEKMPARRASLSHPRDIGCDQHTSCPVGQTCPPSLGGSWACCQLPHAVCCEDRQHCCPAGYTCNV
 KARSCEKEVVSAPATFLARSPHVGVKDVCEGEGHFCHDNQTCCRDNRQWACCPYRQGVCCADRRHCCP
 AGFRCAARGTKCLRREAPRWDAPLRDPALRQLL

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_002087
ORF Size:	1779 bp
Buffer:	PBS with 0.001% Pluronic F5283
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_002087.2</u>
RefSeq Size:	2323 bp
RefSeq ORF:	1782 bp
Locus ID:	2896
UniProt ID:	<u>P28799</u>
Cytogenetics:	17q21.31
MW:	63.5 kDa