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Product datasheet for RC202542A1V

Human Gastrin Releasing Peptide (GRP) (NM_002091) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Gastrin Releasing Peptide (GRP) (NM_002091) AAV Particle
Tag:	Myc-DDK
Symbol:	Gastrin Releasing Peptide
Synonyms:	BN; GRP-10; preproGRP; proGRP
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence:

>RC202542 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCGCGGCCGTGAGCTCCCGCTGGTCCTGCTGGCGCTGGTCCTCTGCCTGGCGCCCCGGGGGCGAGCGG
TCCCGCTGCCTGCGGGCGGAGGGACCGTGCTGACCAAGATGTACCCGCGCGGCAACCACTGGGCGGTGGG
GCACTTAATGGGGAAAAAGAGCACAGGGGAGTCTTCTTCTGTTTCTGAGAGAGGGAGCCTGAAGCAGCAG
CTGAGAGAGTACATCAGGTGGGAAGAAGCTGCAAGGAATTTGCTGGGTCTCATAGAAGCAAAGGAGAACA
GAAACCACCAGCCACCTCAACCCAAGGCCCTGGGCAATCAGCAGCCTTCGTGGGATTCAGAGGATAGCAG
CAACTTCAAAGATGTAGGTTCAAAAGGCAAAGTTGGTAGACTCTCTGCTCCAGGTTCTCAACGTGAAGGA
AGGAACCCCCAGCTGAACCAGCAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC202542 protein sequence
Red=Cloning site Green=Tags(s)

MRGRELPLVLLALVLCLAPRGRAVPLPAGGGTVLTKMYPRGNHWAVGHLMGKKSTGESSSVSERGSLKQQ
LREYIRWEEAARNLLGLIEAKENRNHQPPQPKALGNQQPSWDSEDSSNFKDVGSKGKVGRLSAPGSQREG
RNPQLNQQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:	Human
Serotype:	AAV-2

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ACCN:	NM_002091
ORF Size:	444 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_002091.3
RefSeq Size:	863 bp
RefSeq ORF:	447 bp
Locus ID:	2922
UniProt ID:	P07492
Cytogenetics:	18q21.32
MW:	16.2 kDa