

Product datasheet for **RC221989A1V**

Human GPR107 (NM_020960) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GPR107 (NM_020960) AAV Particle
Tag:	Myc-DDK
Symbol:	GPR107
Synonyms:	bA138E2.2; GCDRP; LUSTR1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC221989 representing NM_020960
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCCGCTCTGGCGCCCGTGGCTCCCCCGCTCCCGCGTCTAGGCTGGCCGCGGCCCTCCGGCTGC
 TCCCAATGCTGGGTTTGTGTCAGTTGCTGGCCGAGCCTGGCCTGGGCCGCGTCCATCACCTGGCACTCAA
 GGATGATGTGAGGCATAAAGTTCATCTGAACACCTTTGGCTTCTCAAGGATGGGTACATGGTGGTGAAT
 GTCAGTAGCCTCTCACTGAATGAGCCTGAAGACAAGGATGTGACTATTGGATTTAGCCTAGACCGTACAA
 AGAATGATGGCTTTTCTTACCTGGATGAAGATGTGAATTACTGTATTTAAAGAAACAGTCTGTCTC
 TGTACCCTTTTAATCTAGACATCTCCAGAAGTGAGGTAAAGTCTCCACCAGAAGCTGGTACC
 CAGTTACCAAAGATCATCTTCAGCAGGGATGAGAAAGTCTTGGTCAGAGCCAGGAGCCTAATGTAAACC
 CTGCTTCAGCAGGCAACCAGACCCAGAAGACACAAGATGGTGGAAAGTCTAAAAGAGTACAGTGGATTC
 AAAGGCCATGGGAGAGAAATCCTTTTCTGTTCAATAATGGTGGGCAGTGTCAATTCAGTTTTCTTT
 AACATCAGCACTGATGACCAAGAAGGCCTTTACAGTCTTTATTTTCATAAATGCCTTGGAAAAGAATTGC
 CAAGTGACAAGTTTACATTCAGCCTTGATATTGAGATCACAGAGAAGAATCCTGACAGCTACCTCTCAGC
 AGGAGAAATTCCTCTCCCAAATTATACATCTCAATGGCCTTTTTCTTCTTTCTTCTGGGACCATCTGG
 ATTCATATCCTTCGAAAACGACGGAATGATGTATTTAAATCCACTGGCTGATGGCGGCCCTTCTTTTCA
 CCAAGTCTCTTCTTGGTGTTCATGCAATTGACTACCACTACATCTCTCCAGGGCTTCCCTATCGA
 AGGCTGGGCTGTTGTGTACTACATAACTCACCTTTTGAAGGGGCGCTACTCTTCATCACCATTGCACTC
 ATTGGCACTGGCTGGGCTTTTATTAAGCACATCTTTCTGATAAAGACAAAAGATCTTCATGATTGTCA
 TTCCACTCCAGTCTTGCAAAATGTAGCTACATCATAGAGTCCACGAGGAGGGCAGCACTGAATA
 TGGCTTGTGGAAGGACTCTCTATTTCTGGTCGACCTGTTGTGTTGGTGCCATCTCTTCCAGTGGTG
 TGGTCAATCAGACATTTACAAGAAGCATCAGCAACAGATGAAAAGCTGCTATTAACCTAGCAAAGCTGA
 AACTTTTCAGACATTATTACGTCTTGATTGTGTGTACATATACTTCACTAGGATCATTGCATTTCTCT
 CAAACTCGCTGTTCCATTCCAGTGGAAGTGGCTCTACCAGCTCCTGGATGAAACGGCCACACTGGTCTTC
 TTTGTTCTAACGGGTATAAATCCGTCGGCTTCAGATAACCCCTACCTACAATTTCTCAGGAAGAAG
 AAGACTTGAAATGGAGTCCGTTGTGACAACATCTGGGTGATGGAAAGTATGAAGAAAGTCAAGAAGGT
 GACCAACGGCTCCGTGGAGCCCCAGGGCAGTGGGAAGGCGCCGTG

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MAALAPVGSPASRGPRLAAGLRLLPMLGLLQLLAEPGLGRVHHLALKDDVRHKVHLNTFGFFKDGVMVNV
 VSSLNLNEDKDVITIGFSLDRKNDGFSSYLDEVDVNYCILKKQSVSVTLILDISRSEVRVKSPPEAGT
 QLPKIIIFSRDEKVLGQSQEPNVNPASAGNQTQKTQDGGKSKRSTVDSKAMGEKFSVHNNGGAVSFQFFF
 NISTDDQEGLYSLYFHKCLGKELPSDKFTFSLDIEITEKNPDSYLSAGEIPLPKLYISMAFFFLSGTIW
 IHILRKRNDVFKIHWLMAALPFTKSLSLVFHAIDYHYISSQGFPIEGWAVVYIITHLLKGALLFITIAL
 IGTGWAFIGKILSDKDKKIFMIVIPQLVLANVAYIIIESTEEGTTEYGLWKDSLFLVDLLCCGAILFPVV
 WSIRHLQEASATDGKAAINLAKLKLFRHYVLIVCYIYFTRIIAFLKLAVPFQWKWLYQLDETATLVF
 FVLTYGKFRPASDNPYLQLSQEEDLEMESVTTSGVMESMKVKVKTNGSVPEPQGEWEGAV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_020960

ORF Size:	1656 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_020960.2</u>
RefSeq Size:	2686 bp
RefSeq ORF:	1659 bp
Locus ID:	57720
UniProt ID:	<u>Q5VW38</u>
Cytogenetics:	9q34.11
MW:	61.8 kDa