

Product datasheet for **RC218079A1V**

Human GPR108 (NM_001080452) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GPR108 (NM_001080452) AAV Particle
Tag:	Myc-DDK
Symbol:	GPR108
Synonyms:	LUSTR2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC218079 representing NM_001080452
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCAGTGAGCGAGAGGAGGGGGCTCGGCCGCGGGAGCCCCGCGGAGTGGGGCAGCGGCTACTTCTGG
 TGCTGCTGCTGGGTGGCTGCTCCGGGCGCATCCACCAGCTGGCGCTGACGGGGGAGAAGCGAGCGGACAT
 CCAGCTGAACAGCTTCGGTTTCTACACCAATGGCTCTCTGGAGGTGGAGTTGAGCGTCTCGGGCTGGGC
 CTCCGGGAGGCAGAAGAGAAGTCCCTGCTGGTGGGGTTAGTCTCAGCCGGGTTCCGGTCTGGCAGAGTTC
 GCTCCTATTCAACCCGGGATTTCCAGGACTGCCCTCTCCAGAAAAACAGTAGCAGTTTCTGGTCTGTT
 CCTCATCAACACCAAGGATCTGCAGGTCCAGGTGCGGAAGTATGGAGAGCAGAAGACGTTGTTTATCTTT
 CCCGGGCTCTCCCGAAGCACCTCCAAACAGGGCTCCGAAGCCACAGGCCACAGTCCCCCGCAAGG
 TGGATGGCGGAGGACCTCTGCAGCCAGCAAGCCCAAGTCAACACCCGAGTGATTAGGGTCTAGTGG
 GAAGGACAAGGACCTGGTGTGGGCTGAGCCACCTCAACAACCTACAACCTCAGTTTCCACGTGGTG
 ATCGGCTCTCAGCGGAAGAAGGCCAGTACAGCCTGAACCTCCACAACCTCAACAATTCAGTGCCAGGAA
 AGGAGCATCCATTCGACATCACGGTGATGATCCGGGAGAAGAACCCCGATGGCTTCTGTGCGCAGCGGA
 GATGCCCTTTTCAAGCTCTACATGGTCATGTCGCGCTGCTTCTGGCGCTGGCATCTTCTGGGTGTCC
 ATCCTCTGCAGGAACAGTACAGCGTCTCAAGATCCACTGGCTCATGGCGGCTTGGCCTTACCAAGA
 GCATCTCTCTCTTCCACAGCATCACTACTTTCATCAACAGCCAGGGCCACCCCATCGAAGGCCT
 TGCCGTGATGTACTACATCGCACCTGCTGAAGGGCGCCCTCTCTTATCACCATCGCCCTGATTGGC
 TCAGGCTGGGCCTTATCAAGTACGTCTGTGCGATAAGGAGAAGAAGTCTTTGGGATCGTGATCCCCA
 TGCAGTCTGGCCAACGTGGCTACATCATCGAGTCCCGGAGGAAGGCGCCAGGACTACGTGCT
 GTGGAAGGAGATTTTGTTCCTGGTGGACCTCATCTGCTGTGGTGCCATCCTGTTCCCGTAGTCTGGTCC
 ATCCGGCATCTCAGGATGCGTCTGGCAGACGGGAAGGTGGCAGTGAACCTGGCCAAGCTGAAGCTGT
 TCCGGCATTACTATGTATGGTCATCTGCTACGTCTACTTACCCGCATCATCGCCATCTGCTGCAGGT
 GGCTGTGCCCTTTCAGTGGCAGTGGCTGTACCAGCTCTTGGTGGAGGGCTCCACCCTGGCCTTCTCGTG
 CTCACGGGCTACAAGTTCAGCCACAGGAAACAACCCGTACCTGCAGTGGCCAGGAGGACGAGGAGG
 ATGTTTCAGATGGAGCAAGTAATGACGGACTCTGGGTCCGGGAAGGCCTCTCAAAGTCAACAAAACAGC
 CAGCGGCGGGAACTGTTA

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MAVSERRGLGRGSPAEWGQRLLLVLLGGCSGRIHQLALTGEKRADIQLNSFGFYTNLSLEVELSVLRGL
 LREAEEKSLLVGFSLSRVRSRGRVRSYSTRDFQDCPLQKNSSSFLVLFINTKDLQVQVRKYGEQKTLFIF
 PGLLPEAPSKPGLPKPQATVPRKVDGGGTSAASKPKSTPAVIQGPSGDKDLVLGLSHLNNSYNFSFHV
 IGSQAEEGQYSLNFHNCNNSVPGKEHPFDITVMIREKNPDGFLSAAEMPLFKLYMVMSACFLAAGIFWVS
 ILCRNITYSVFKIHWLMAALAFKTSISLLFHSINYFINSQGHPIEGLAVMYIAHLLKGALLFITIALIG
 SGWAFIKYVLSDEKKVFGIVIPMQVLNAVYIIIESREEGASDYVLWKEILFLVDLICCAGILFPVWVS
 IRHLQDASGTDGKAVNLAKLKLFRHYVVMICYVYFTRIIAILLQVAVPFQWQWLYQLLVEGSTLAFFV
 LTGYKFQPTGNPNYLQLPQDEEDVQMEQVMTDSGFREGLSKVNKTASGRELL

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001080452

ORF Size:	1629 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_001080452.1, NP_001073921.1</u>
RefSeq Size:	2076 bp
RefSeq ORF:	1632 bp
Locus ID:	56927
UniProt ID:	<u>Q9NPR9</u>
Cytogenetics:	19p13.3
MW:	60.5 kDa