

Product datasheet for **RC207158A1V**

Human GPR114 (ADGRG5) (NM_153837) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GPR114 (ADGRG5) (NM_153837) AAV Particle
Tag:	Myc-DDK
Symbol:	GPR114
Synonyms:	GPR114; PGR27
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC207158 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGATCACTGTGGTGCCTTTTCTGTGCCTGTGCCTTCTGACTTTGCAGAATGCAACAACAGAGACAT
 GGAAGAAGCTCCTGAGCTACATGGAGAATATGCAGGTGCCAGGGCCGGAGCTAGTTTTTCTCTCG
 TCAACTCCACCAGCTGGAGCAGATGCTACTGAACACCAGCTTCCAGGCTACAACCTGACCTTGACAGACA
 CCCACCATCCAGTCTCTGGCCTTCAAGCTGAGCTGTGACTTCTCTGGCCTCTCGCTGACCAGTGCCACTC
 TGAAGCGGGTGCAGCAGGAGGTCAGCATGCCGGGGTGCAGCAGCCATGCAGTTCCCGCCGAGCT
 GACCCGGGACGCCTGCAAGACCCGCCAGGGAGCTGCGGCTCATCTGTATCTACTTCTCCAACACCCAC
 TTTTCAAGGATGAAAACAACCTCATCTCTGCTGAATAACTACGCTCTGGGGGCCAGCTGAGTCATGGGC
 ACGTGAACAACCTCAGGGATCCTGTGAACATCAGCTTCTGGCACAACAAAGCCTGGAAGGCTACACCT
 GACCTGTGTCTTCTGGAAGGAGGAGCCAGGAAACAGCCCTGGGGGGCTGGAGCCCTGAGGGCTGCTGT
 ACAGAGAGCCCTCCACTCTCAGGTGCTCTGCCGCTGCAACCACCTCACCTACTTTGCTGTTCTCATGC
 AACTCTCCCCAGCCCTGGTCCCTGCAGAGTTGCTGGCACCTTACGTACATCTCCCTCGTGGGCTGCAG
 CATCTCCATCGTGGCCTCGTGATCACAGTCTGCTGCACTTCCATTTAGGAAGCAGAGTGACTCCTTA
 ACACGCATCCACATGAACCTGCATGCCTCCGTGCTGCTCCTGAACATCGCCTTCTGCTGAGCCCCGCAT
 TCGCAATGTCTCTGTGCCCGGGTGCAGATGCACGGCTCTGGCCGCTGCCCTGCACTACGCGCTGCTCAG
 CTGCCCTCACCTGGATGGCCATCGAGGGCTTCAACCTCTACCTCCTCCTCGGGCGTGTCTACAACATCTAC
 ATCCGAGATATGTGTTCAAGCTTGGTGTCTAGGCTGGGGGGCCAGCCCTCCTGGTGTGCTTTCC
 TCTCTGTCAAGAGCTCGGTATACGGACCCTGCACAATCCCCGTCTTCGACAGCTGGGAGAATGGCACAGG
 CTTCCAGAACATGTCCATATGCTGGGTGCGGAGCCCGTGGTGCACAGTGTCTGGTCATGGGCTACGGC
 GGCCTCACGTCCCTTCAACCTGGTGGTGTGGCCTGGGCGCTGTGGACCCTGCGCAGGCTGCGGGAGC
 GGGCGGATGCACCAAGTGTGAGGCCTGCCATGACACTGTCACTGTGCTGGCCTCACCGTGTGCTGGG
 AACACCTGGGCCTTGGCCTTCTTTCTTTGGCGTCTTCTGCTGCCAGCTGTTCTCTTACCATC
 TAAACTCGCTTACGGTTTCTCTTTTCTGTGTTCTGCTCCAGCGGTGCCGCTCAGAAGCAGAGG
 CCAAGGCAGATAGAGGCCCTCAGCTCTCCCAACAACACAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC207158 protein sequence
 Red=Cloning site Green=Tags(s)

MDHCGALFLCLLLTLQNATTETWEELLSYMENMQVSRGRSSVFSSRQLHQLEQMLLNTSFPGYNLTLQT
 PTIQSLAFKLSCDFSGLSLTSATLKRVPQAGGQHARGQHMQFPAELTRDACKTRPRELRLICIYFSNTH
 FFKDENSSLLNYYVLGAQLSHGHVNNLRDPVNISFWHNQSLEGYTLTCVFWKEGARKQPWGGWSPEGCR
 TEQPSHSQVLCRCNHLTYFAVLMQLSPALVPAELLAPLTYISLVGCSISIVASLITVLLHFHFRKQSDSL
 TRIHMNLHASVLLLNI AFLLSPAFAMSPVPGSACTALAAALHYALLSCLTWMAIEGFNLYLLLGRVYNIY
 IRRYVFKLGVLGWAPALLVLLSLSVKSSVYGPCIPVFDWENGTGFQNSICWVRSPVHVSVMGYG
 GLTSLFNLVVLAWLWTLRRLRERADAPSVRACHDTVTVLGLTVLLGTTWALAFFSFGVFLLPQLFLFTI
 LNSLYGFFLFLWFCSQRCRSEAEAKAQIEAFSSSQTTQ

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_153837

ORF Size:

1584 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_153837.1</u>
RefSeq Size:	3848 bp
RefSeq ORF:	1587 bp
Locus ID:	221188
UniProt ID:	<u>Q8IZF4</u>
Cytogenetics:	16q21
MW:	59 kDa