

Product datasheet for **RC202512A1V**

Human GPR172A (SLC52A2) (NM_024531) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GPR172A (SLC52A2) (NM_024531) AAV Particle
Tag:	Myc-DDK
Symbol:	GPR172A
Synonyms:	BVLS2; D15Ert747e; GPCR41; GPR172A; hRFT3; PAR1; RFT3; RFVT2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC202512 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCAGACCCACGCCCCCGCTCGGTGCTGACCCACCTGCTGGTGGCTCTCTTCGGCATGGGCTCCT
 GGGCTGCGGTCAATGGGATCTGGGTGGAGCTACCTGTGGTGGTCAAAGAGCTTCCAGAGGGTTGGAGCCT
 CCCCTCTTACGTCTCTGTGCTTGTGGCTCTGGGAACCTGGGTCTGCTGGTGGTACCCTCTGGAGGAGG
 CTGGCCCCAGGAAAGGACGAGCAGGTCCCCATCCGGTGGTGCAGGTGCTGGCATGGTGGGCACAGCCC
 TGCTGGCCTCTCTGTGGCACCATGTGGCCCCAGTGGCAGGACAGTTGCATTCTGTGGCCTCTTAGCACT
 GGCTTTGTGCTGGCACTGGCATGCTGTGCCTCGAATGCACTTTCTGCCCTTCTTGAGCCACCTGCCA
 CCTCGTCTTACGGTATTCTCTGGGTCAAGGCCGTGAGTGCCTGCTGCCCTGCGTGTGCCCTAG
 TGCAGGTGTGGCCGCCTCGAGTCCCCGCCAGCCCCATCAACGGCACCCCTGGCCCCCGCTCGACTT
 CCTTGAGCGTTTTCCCGCCAGCACCTTCTCTGGGCACACTGCTGCCCTTCTGGTGTGCTTACGCTGTGCC
 TTCCAGGGTCTCTGCTGCTGTTGCCGCCACCACCATCTGTACCCACAGGGGAGTTAGGATCAGGCCTCC
 AGGTGGGAGCCCCAGGAGCAGAGGAAGAGGTGGAAGAGTCTCACCACTGCAAGAGCCACCAAGCCAGGC
 AGCAGGCACACCCCTGGTCCAGACCCTAAGGCCTATCAGCTTCTATCAGCCCGCAGTGCCTGCCTGCTG
 GGCTGTTGGCCGCCACCAACGCGCTGACCAATGGCGTGTGCTGCCGTGCAGAGCTTTTCTGCTTAC
 CCTACGGGCGTGTGGCTACCACCTGGCTGTGGTGTGGGCGAGTGTGCCAATCCCCTGGCCTGCTTCT
 GGCCATGGGTGTGCTGTGCAGGTCTTGGCAGGCTGGGCGGCCTCTCTGCTGGGCGTGTCTGTGGG
 GGCTACCTGATGGCGCTGGCAGTCTTGGCAGGCTGGGCGGCCTCTCTGCTGGGCGTGTCTGTGGG
 TCGTGGTGTGCTGCTGGGTGCTGTGCTTGGCGTGTCTCTACGTGAAGGTGGCAGCCAGCTCCCTGCT
 GCATGGCGGGGGCCGGCCGCATTGCTGGCAGCCGGCGTGGCCATCCAGGTGGGCTCTCTGCTCGGCGCT
 GTTGCTATGTTCCCCCGACCAGCATCTATCACGTGTCCACAGCAGAAAGGACTGTGCAGACCCCTGTG
 ACTCC

ACGCGTACGCGGCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC202512 protein sequence
 Red=Cloning site Green=Tags(s)

MAAPTPARPVLTHLLVALFGMGSWAAVNGIWWELPVVVKELPEGWLSYVSVLVALGNLGLLVTLWRR
 LAPGKDEQVPIRIVVQVLGMVGTALLASLWHVAPVAGQLHSVAFALAFVLALACCASNVTFLPFLSHLP
 PRFLRSFFLQGLSALLPCVLALVQGVGRLECPPAPINGTPGPPLDFLERFPASTFFWALTALLVASAAA
 FQGLLLLLPPPPSVPTGELGSLQVQVGAEEVEESSPLQEPSSQAAGTTPGPDPKAYQLLSARSACLL
 GLLAATNALTNGVLPVQSFSLPYGRLAYHLAVVLGSAANPLACFLAMGVLCRSLAGLGLSLLGVFCG
 GYLMALAVLSPCPLVGTSGVVVLSWVLCVGFVSYVVAASLLHGGGRPALLAAGVAIQVGSLLGA
 VAMFPPTSIYHVFHSRKDCADPCDS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_024531

ORF Size:

1335 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_024531.3</u>
RefSeq Size:	1900 bp
RefSeq ORF:	1338 bp
Locus ID:	79581
UniProt ID:	<u>Q9HAB3</u>
Cytogenetics:	8q24.3
MW:	45.8 kDa