

Product datasheet for **RC208014A1V**

Human GDNF Receptor alpha 2 (GFRA2) (NM_001495) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GDNF Receptor alpha 2 (GFRA2) (NM_001495) AAV Particle
Tag:	Myc-DDK
Symbol:	GDNF Receptor alpha 2
Synonyms:	GDNFRB; NRTNR-ALPHA; NTNRA; RETL2; TRNR2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC208014 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGATCTTGGCAAACGTCTTCTGCCTCTTCTTCTTCTAGACGAGACCCTCCGCTCTTTGGCCAGCCCTT
 CCTCCCTGCAGGGCCCCGAGCTCCACGGCTGGCGCCCCCAGTGGACTGTGTCCGGGCCAATGAGCTGTG
 TGCCGCGCAATCCAACCTGCAGCTCTCGTACCGCACTCTGCGGAGTGCCTGGCAGGCCGCGACCGCAAC
 ACCATGCTGGCCAACAAGGAGTGCCAGGCGCCTTGGAGGTCTTGCAGGAGAGCCGCTGTACGACTGCC
 GCTGCAAGCGGGCATGAAGAAGGAGCTGCAGTGTCTGCAGATCTACTGGAGCATCCACCTGGGGCTGAC
 CGAGGGTGAGGAGTTCTACGAAGCCTCCCCCTATGAGCCGGTGACCTCCCGCTCTCGGACATCTTCAGG
 CTTGCTCAATCTTCTCAGGGACAGGGGACAGCCGGTGGTCAAGCAGCAAGCAACATTGCCTGGATG
 CTGCCAAGGCCTGCAACCTGAATGACAACTGCAAGAAGCTGCGCTCCTCTACATCTCCATCTGCAACCG
 CGAGATCTCGCCACCGAGCGCTGCAACCGCCGCAAGTCCACAAGGCCCTGCGCCAGTCTTCGACCGG
 GTGCCCAGCGAGTACACCTACCGCATGCTCTTCTGCTCCTGCCAAGACCAGGCGTGCGCTGAGCGCCGCC
 GGCAAACCATCTGCCAGCTGCTCCTATGAGGACAAGGAGAAGCCCAACTGCCTGGACCTGCGTGGCGT
 GTGCCGACTGACCACCTGTGTCGGTCCCGGCTGGCCGACTTCCATGCCAATTGTGAGCGCTCCTACCAG
 ACGGTCACCACTGACCTGCGGACAATTACCAGCGTGTCTGGGCTCTTATGCTGGCATGATTGGGTTTG
 ACATGACACCTAACTATGTGGACTCCAGCCCCACTGGCATCGTGGTGTCCCCCTGGTGCAGCTGTCTGG
 CAGCGGAACATGGAGGAGGAGTGTGAGAAGTTCTCAGGAGTTCACCGAGAACCCATGCCCTCCGAAC
 GCCATCCAGGCCTTTGGCAACGGCACGGACGTGAACGTGTCCCCAAAAGGCCCTCGTTCCAGGCCACCC
 AGGCCCTCGGGTGGAGAAGACGCTTCTTTGCCAGATGACCTCAGTGACAGTACCAGCTTGGGGACCA
 GTGCATCACCACCTGCAGTCTGTCCAGGAGCAGGGGCTGAAGGCCAACAACTCCAAAGAGTTAAGCATG
 TGCTTCACAGAGCTCACGACAAATATCATCCAGGGAGTAACAAGGTGATCAAACCTAACTCAGGCCCA
 GCAGAGCCAGACCGTGGCTGCTTACCGTGTCTGTCTGCTGATGCTGAAACTGGCCTTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC208014 protein sequence
 Red=Cloning site Green=Tags(s)

MILANVFCLFFFLDETLRSLASPSLLQGPETHGWRPPVDCVRANELCAAESNCSSRYRTLQCLAGRDRN
 TMLANKECQAALVLEQESPLYDCRCKRGMKKELQCLQIYWSIHLGLTEGEEFYEASPYEPVTSRLSDIFR
 LASIFSGTGADPVVSAKSNHCLDAKACNLNDNCKLRSSYISICNREISPTERCNRRKCHKALRQFFDR
 VPSEYTYRMLFCSCQDQACAERRRQITILPSCSYEDKEKPNCLDLRGVCRDHLCSRSLADFHANCASYQ
 TVTSCPADNYQACLSYAGMIGFDMTPNYVDSSPTGIVVSPWCSRGSGNMEEECEKFLRDFTENPCLRN
 AIQAFNGTGVNVPKPSFQATQAPRVEKTPSLPDDLSDSTSLGTSVITTCSTVQEQGLKANNSKELSM
 CFTELTTNIIPGSNKVIKPNSGPSRARPAAALTVLSVLMLKLAL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001495

ORF Size:

1392 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_001495.4</u>
RefSeq Size:	3376 bp
RefSeq ORF:	1395 bp
Locus ID:	2675
UniProt ID:	<u>O00451</u>
Cytogenetics:	8p21.3
MW:	51.5 kDa