

Product datasheet for **RC226704A1V**

Human GDNF Receptor alpha 1 (GFRA1) (NM_001145453) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GDNF Receptor alpha 1 (GFRA1) (NM_001145453) AAV Particle
Tag:	Myc-DDK
Symbol:	GDNF Receptor alpha 1
Synonyms:	GDNFR; GDNFRA; GFR-ALPHA-1; GFRalpha-1; RET1L; RETL1; TRNR1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC226704 representing NM_001145453
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGTTCTCGCGACCCTGTACTTCGCGCTGCCGCTCTTGGACTTGCTCCTGTGCGCCGAAGTGAGCGGCG
 GAGACCGCTGGATTGCGTGAAAGCCAGTGATCAGTGCCTGAAGGAGCAGAGCTGCAGCACCAAGTACCG
 CACGCTAAGGCAGTGCGTGCGGGCAAGGAGACCAACTTCAGCCTGGCATCCGGCCTGGAGGCCAAGGAT
 GAGTGCCGCGAGCGCCATGGAGGCCCTGAAGCAGAAGTCGCTCTACAAGTCCGCTGCAAGCGGGTATGA
 AGAAGGAGAAGAACTGCCTGCGCATTTACTGGAGCATGTACCAGAGCCTGCAGGGAAATGATCTGCTGGA
 GGATCCCCATATGAACAGTTAACAGCAGATTGTGAGATATATCCGGGTGGTCCCATTCATATCAGTG
 GAGCACATTCCAAAGGGAACAAGTGCCTGGATGCAGCGAAGGCCTGCAACCTCGACGACATTTGAAGA
 AGTACAGGTGCGCGTACATACCCCGTGCACCACGCGTGTCCAATGATGTCTGCAACCGCCGCAAGTG
 CCACAAGGCCCTCCGGCAGTTCTTTGACAAGGTCCCGGCCAAGCACAGCTACGGAATGCTCTTCTGCTCC
 TGCCGGGACATCGCCTGCACAGAGCGGAGGCGACAGACCATCGTGCCTGTGTGCTCTATGAAGAGAGGG
 AGAAGCCCAACTGTTTGAATTTGCAGGACTCCTGCAAGACGAATTACATCTGCAGATCTCGCCTTGCGGA
 TTTTTTACCAACTGCCAGCCAGAGTCAAGGTCTGTGACGAGCTGTCTAAAGGAAAACACGCTGACTGC
 CTCCTCGCCTACTCGGGGCTTATTGGCAGATCATGACCCCAACTACATAGACTCCAGTAGCCTCAGTG
 TGGCCCATGGTGTGACTGCAGCAACAGTGGGAACGACCTAGAAGAGTGCTTGAATTTTGAATTTCTT
 CAAGGACAATACATGTCTTAAATGCAATTCAGCCTTTGGCAATGGCTCCGATGTGACCGTGTGGCAG
 CCAGCCTTCCAGTACAGACCACCACTGCCACTACCACCACTGCCCTCCGGGTAAAGAACAGCCCTGG
 GGCCAGCAGGGTCTGAGAATGAAATCCCACTCATGTTTGGCACCGTGTGCAAAATTTACAGGCACAGAA
 GCTGAAATCCAATGTGTGCGGCAATACACACCTCTGTATTTCCAATGGTAATTATGAAAAAGAAGGTCTC
 GGTGCTTCCAGCCACATAACCACAAAATCAATGGCTGCTCTCAAGCTGTGGTCTGAGCCCACTGCTGG
 TCCTGGTGGTAACCGCTCTGTCCACCCTATTATCTTTAACAGAAACATCA

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC226704 representing NM_001145453
 Red=Cloning site Green=Tags(s)

MFLATLYFALPLDLLLSAEVSGDRLDCVKASDQCLKEQSCSTKYRTLQRCVAGKETNFSLASGLEAKD
 ECRSAMEALKQKSLYNCRCKRGMKKEKNCLRIYWSMYQSLQGNLLEDSPYEPVNSRLSDIFRVVPFISV
 EHIPKGNCLDAAKACNLDDICKKYRSAYITPCTTSVSNVDCNRRKCHKALRQFFDKVPAKHSYGMFLCS
 CRDIACTEERRRQTIVPVCSEEREKPNCLNLQDSCKTNYICRSRLADFFTNCQPESSRSVSSCLKENYADC
 LLAYSGLIGVTMPNYIDSSSLSVAPWCDCSNSGNDLEECLKFLNFFKDNTCLKNAIQAFNGSDVTVWQ
 PAFPVQTTTATTTALRVKNKPLGPAGSENIPTHLVPPCANLQAQKLKSNVSGNTHLCISNGNYEKEGL
 GASSHITTKSMAAPPSCGLSPLLVLVVTALSTLLSLTETS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001145453

ORF Size:

1380 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_001145453.1</u>
RefSeq ORF:	1383 bp
Locus ID:	2674
UniProt ID:	<u>P56159</u>
Cytogenetics:	10q25.3
MW:	50.84 kDa