

## Product datasheet for RC221484A1V

### Human GDNF (NM\_199234) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human GDNF (NM_199234) AAV Particle
Tag:	Myc-DDK
Symbol:	GDNF
Synonyms:	astrocyte-derived trophic factor; ATF1; ATF2; glial cell derived neurotrophic factor; glial cell line derived neurotrophic factor; glial derived neurotrophic factor; HFB1-GDNF
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	<p>&gt;RC221484 representing NM_199234  <span style="color: red;">Red</span>=Cloning site <span style="color: blue;">Blue</span>=ORF <span style="color: green;">Green</span>=Tags(s)</p> <p>TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  GCC<span style="color: red;">GCGATCGCC</span></p> <p><span style="color: blue;">ATGGGATGTCGTGGCTGTCTGCCTGGTCTGCTCCACACCGCGTCCGCCTTCCCCTGCCAACCCAGAGA  ATTCCAGAGGAAAAGGTCGGAGAGGCCAGAGGGCAAAAACCGGGTTGTGTCTTAAGTCAATACATTT  AAATGTCACTGACTTGGGCTGTTGGGCTATGAAACCAAGGAGGAAGTATTTTAGGTACTGCAGCGGCTCT  TGCGATGCAGCTGAGACAACGTACGACAAAATATTGAAAACTTATCCAGAAATAGAAGGCTGGTGAGTG  ACAAAGTAGGGCAGGCATGTTGCAGACCCATCGCCTTTGATGATGACCTGTCGTTTTTAGATGATAACCT  GGTTTACCATATTCTAAGAAAGCATTCCGCTAAAAGGTGTGGATGTATC</span></p> <p><span style="color: red;">ACGCGT</span><span style="color: green;">ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  ACAAGGATGACGACGATAAGGTTTAA</span></p>
Protein Sequence:	<p>&gt;RC221484 representing NM_199234  <span style="color: red;">Red</span>=Cloning site <span style="color: green;">Green</span>=Tags(s)</p> <p>MGCRGCLPGAAPHRVRLPAANPENSRRGKRRGQRGKNRGCVLTAIHLNVTDLGLGYETKEELIFRYCSGS  CDAAEITYDKILKNLSRNRRLVSDKVGQACCRPIAFDDDLNFLVYHILRKHSKRKRCGI</p> <p><span style="color: red;">TR</span><span style="color: green;">TRPLEQKLISEEDLAANDILDYKDDDDKV</span></p>
Species:	Human
Serotype:	AAV-2
ACCN:	NM_199234



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<b>ORF Size:</b>	399 bp
<b>Buffer:</b>	PBS with 0.001% Pluronic F68
<b>Stability:</b>	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.
<b>RefSeq:</b>	<u><a href="#">NM_199234.1</a></u> , <u><a href="#">NP_954704.1</a></u>
<b>RefSeq Size:</b>	410 bp
<b>RefSeq ORF:</b>	401 bp
<b>Locus ID:</b>	2668
<b>Cytogenetics:</b>	5p13.2
<b>MW:</b>	14.6 kDa