

## Product datasheet for **RC201342A1V**

### Human 5HT3A receptor (HTR3A) (NM\_000869) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human 5HT3A receptor (HTR3A) (NM_000869) AAV Particle
Tag:	Myc-DDK
Symbol:	5HT3A receptor
Synonyms:	5-HT-3; 5-HT3A; 5-HT3R; 5HT3R; HTR3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide Sequence:**

>RC201342 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGCTGCTGTGGGTCCAGCAGGGCGTCTCGCCTTGCTCCTCCACACTCTGGCACAGGGAGAAGCCA  
 GGAGGAGCCGAAACACCACCAGGCCCGCTCTGCTGAGGCTGTCGGATTACCTTTTGACCAACTACAGGAA  
 GGGTGTGCGCCCCGTGAGGGACTGGAGGAAGCCAACCACCGTATCCATTGACGTATTGTCTATGCCATC  
 CTCAACGTGGATGAGAAGAATCAGGTGCTGACCACCTACATCTGGTACCGGCAGTACTGGACTGATGAGT  
 TTCTCCAGTGGAAACCCTGAGGACTTTGACAACATCACCAAGTTGCCATCCCCACGGACAGCATCTGGGT  
 CCCGGACATTCTCATCAATGAGTTCGTGGATGTGGGGAAGTCTCCAAATATCCCGTACGTGTATATTGCG  
 CATCAAGGCGAAGTTCAGAACTACAAGCCCCTCAGGTGGTACTGCCTGTAGCCTCGACATCTACAAC  
 TCCCCTTCGATGTCAGAACTGCTCGTGACCTTCACCAGTTGGCTGCACACCATCCAGGACATCAACAT  
 CTCTTTGTGGCGTTGCCAGAAAAGGTGAAATCCGACAGGAGTGTCTTCATGAACCAGGGAGAGTGGGAG  
 TTGCTGGGGTGTGCCCCACTTTCCGGAGTTCAGCATGGAAAGCAGTAACTACTATGCAGAAATGAAGT  
 TCTATGTGGTATCCGCCGGCGGCCCTCTTCTATGTGGTCAGCCTGCTACTGCCAGCATCTTCCCTCAT  
 GGTCATGGACATCGTGGGCTTCTACCTGCCCCCAACAGTGGCGAGAGGGTCTCTTTCAAGATTACACTC  
 TCCTGGGCTACTCGGTCTTCTGATCATCGTTTCTGACACGCTGCCGGCCACTGCCATCGGCACCTCTC  
 TCATTGGTGTCTACTTTGTGGTGTGCATGGCTCTGCTGGTGATAAGTTTGGCCGAGACCATCTTCATTGT  
 GCGGCTGGTGCACAAGCAAGACTGCAGCAGCCCGTGCCTGCTGGTGCCTCACCTGGTCTGGAGAGA  
 ATCGCTGGCTACTTTGCCTGAGGGAGCAGTCAACTCCCAGAGGCCCCAGCCACCTCCAAGCCACCA  
 AGACTGATGACTGCTCAGCCATGGGAAACCATGCAGCCACATGGGAGGACCCAGGACTTCGAGAAGAG  
 CCCGAGGGACAGATGTAGCCCTCCCCACCACCTCGGGAGGCCTCGCTGGCGGTGTGGGGCTGCTGCAG  
 GAGCTGTCTCCATCCGCAATTCTTGAAAAGCGGGATGAGATCCGAGAGGTGGCCCGAGACTGGCTGC  
 GCGTGGGCTCCGTGCTGGACAAGCTGCTATTCCACATTTACTGCTGGCGGTGCTGGCCTACAGCATCAC  
 CCTGTTATGCTCTGGTCCATCTGGCAGTACGCT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC201342 protein sequence  
 Red=Cloning site Green=Tags(s)

MLLWVQALLALLPTLLAQGEARRSRNTTRPALLRLSDYLLTNYRKGVPRVDRKPTTVSIDVIVYAI  
 LNVDEKNQVLTYYIWYRQYWTDFLQWNPEDFDNITKLSIPTDSIWVPDILINEFVDVGKSPNIPVYVIR  
 HQGEVQNYKPLQVVTACSLDIYNFPFDVQNCSLTFTSWLHTIQDINISLWRLPEKVKSDRSVFMNQGEW  
 LLGVLPYFREFSMESSNYAEMKFYVVIARRRPLFYVVSLLLPSIFLMVMDIVGFYLPNNSGERVSKITL  
 LLGYSVFLIIVSDTLPATAIGTPLIGVYFVVMALLVISLAETIFIVRLVHKQDLQQPVPALRHLVLER  
 IAWLLCLREQSTSQRPPATSQATKTDDCSAMGNHCSHMGGPQDFEKSPPDRCSPPPPPREASLAVCGLLQ  
 ELSIRQFLEKRDEIREYARDWLRVGSVLDKLLFHIYLLAVLAYSITLVMLWSIWQYA

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Human

**Serotype:**

AAV-2

**ACCN:**

NM\_000869

**ORF Size:**

1434 bp

**Buffer:**

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_000869.2</a></u>
<b>RefSeq Size:</b>	2260 bp
<b>RefSeq ORF:</b>	1437 bp
<b>Locus ID:</b>	3359
<b>UniProt ID:</b>	<u><a href="#">P46098</a></u>
<b>Cytogenetics:</b>	11q23.2
<b>MW:</b>	55.3 kDa