

## Product datasheet for RC218011A1V

### Human 5 HT1A (HTR1A) (NM\_000524) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human 5 HT1A (HTR1A) (NM_000524) AAV Particle
Tag:	Myc-DDK
Symbol:	5 HT1A
Synonyms:	5-HT-1A; 5-HT1A; 5HT1a; ADRB2RL1; ADRBRL1; G-21; PFMCD
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC218011 representing NM_000524 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGATGTGCTCAGCCCTGGTCAGGGCAACAACACCACATCACCACCGGCTCCCTTTGAGACCGGCGGCA  
ACACTACTGGTATCTCCGACGTGACCGTCAGCTACCAAGTGATCACCTCTCTGCTGCTGGGCACGCTCAT  
CTTCTGCGCGGTGCTGGGCAATGCGTGCGTGGTGGCTGCCATCGCCTTGAGCGCTCCCTGCAGAACGTG  
GCCAATTATCTTATTGGCTCTTTGGCGGTCAACGACCTCATGGTGTGGTGTGGTGTGCCATGGCCG  
CGCTGTATCAGGTGCTCAACAAGTGGACTGGCCAGGTAACCTGCGACCTGTTTCATCGCCCTCGACGT  
GCTGTGCTGCACCTCATCCATCTTGACCTGTGCGCCATCGCGCTGGACAGGTAAGTGGCCATCACGGAC  
CCCATCGACTACGTGAACAAGAGGACGCCCCGGCGCGCCGCTGCGCTCATCTCGCTCACTTGGCTTATTG  
GCTTCCTCATCTCTATCCCGCCATGCTGGGCTGGCGCACCCCGGAAGACCGCTCGGACCCCGACGCATG  
CACCATTAGCAAGGATCATGGCTACACTATCTATTCCACCTTTGGAGCTTTCTACATCCCGCTGTGCTC  
ATGCTGGTTCTCTATGGGCGCATATTCCGAGCTGCGCGCTTCCGCATCCGCAAGACGGTCAAAAAGGTGG  
AGAAGACCGGAGCGGACACCCGCCATGGAGCATCTCCCGCCCGCAGCCCAAGAAGAGTGTGAATGGAGA  
GTGGGGAGCAGGAAGTGGAGGCTGGGCGTGGAGCAAGGCTGGGGTGTCTGTGCGCAATGGCGCG  
GTGAGGCAAGGTGACGATGGCGCCGCCCTGGAGGTGATCGAGGTGCACCGAGTGGGCAACTCAAAGAGC  
ACTTGCCTCTGCCAGCGAGGCTGGTCTACCCCTTGTGCCCGCCCTTTTCGAGAGGAAAAATGAGCG  
CAACGCCGAGGCGAAGCGCAAGATGGCCCTGGCCCGAGAGAGGAAGACAGTGAAGACGCTGGGCATCATC  
ATGGGCACCTTCATCCTCTGCTGGCTGCCCTTCTTCATCGTGGCTCTTGTCTGCCCTTCTGCGAGAGCA  
GCTGCCACATGCCACCCTGTTGGGCGCCATAATCAATTGGCTGGGCTACTCCAACCTCTGTCTAACCC  
CGTCATTTACGCATACTTCAACAAGGACTTTCAAACCGCTTTAAGAAGATCATTAAAGTGAAGTTCTGC  
CGCCAG

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
TGGATTACAAGGATGACGACGATAAGGTTTAA



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<b>Protein Sequence:</b>	>RC218011 representing NM_000524 Red=Cloning site Green=Tags(s)  MDVLSPGQGNNNTSPPAPFETGGNTTGISDVTVSYQVITSLLLGTLIFCAVLGNACVVAIALERSLQNV ANYLIGSLAVTDLMVSVLVLPMALYQVLNKWTLGQVTCDLFIALDVLCTSSILHLCAIALDRYWAITD PIDYVNRKTRPRAAALISLTLWIGFLISIPPMLGWRTPEDRSDPDACTISKDHGYTIYSTFGAFYIPLLL MLVLYGRIFRAARFIRIKTVKKVEKTGADTRHGASAPQPKKSVNGESGSRNWRLGVESKAGGALCANGA VRQDDGAALIEVHRVGNKEHLPLPSEAGPTPCAPASFERNERNAEAKRKMALARERKTVKTLGII MGTFILCWLPFFIVALVLPFCESSCHMPTLLGAIINWLGYSNLLNPVIYAYFNKDFQNAFKKIICKKFC RQ  SGPTRRRL <b>EQKLI</b> SEEDLAANDILDYKDDDDKV
<b>Species:</b>	Human
<b>Serotype:</b>	AAV-2
<b>ACCN:</b>	NM_000524
<b>ORF Size:</b>	1266 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>NM_000524.2</u>
<b>RefSeq Size:</b>	1269 bp
<b>RefSeq ORF:</b>	1269 bp
<b>Locus ID:</b>	3350
<b>UniProt ID:</b>	<u>P08908</u>
<b>Cytogenetics:</b>	5q12.3
<b>MW:</b>	45.9 kDa