

Product datasheet for **RC217340A1V**

Human HTR2C (NM_000868) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human HTR2C (NM_000868) AAV Particle
Tag:	Myc-DDK
Symbol:	HTR2C
Synonyms:	5-HT1C; 5-HT2C; 5-HTR2C; 5HTR2C; HTR1C
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC217340 representing NM_000868
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTGAACCTGAGGAATGCGGTGCATTTCCTTGTGCACCTAATTGGCCTATTGGTTTGGCAATGTG
 ATATTTCTGTGAGCCCAGTAGCAGCTATAGTAACCTGACATTTTCAATACCTCCGATGGTGACGCTTCAA
 ATTCCCAGACGGGTACAAAACCTGGCCAGCACTTTCAATCGTCATCATATAATCATGACAATAGGTGGC
 AACATCCTTGTGATCATGGCAGTAAGCATGGAAAAAGAACTGCACAATGCCACCAATTACTTCTTAATGT
 CCCTAGCCATTGCTGATATGCTAGTGGGACTACTTGTGATGCCCTGTCTCTCCTGGCAATCCTTTATGA
 TTATGTCTGGCCACTACCTAGATATTTGTGCCCGTCTGGATTCTTTAGATGTTTTATTTTCAACAGCG
 TCCATCATGCACCTCTGCGCTATATCGCTGGATCGGTATGTAGCAATACGTAATCCTATTGAGCATAGCC
 GTTTCAAATCGCGGACTAAGGCCATCATGAAGATTGCTATTGTTGGGCAATTTCTATAGGTGTATCAGT
 TCCTATCCCTGTGATTGGACTGAGGGACGAAGAAAAGGTGTTCTGTAACAACACGACGTGCGTGCTCAAC
 GACCCAAATTTCTGTTCTTATTGGGTCTTCGTAGCTTTCTTCATACCGCTGACGATTATGGTGATTACGT
 ATTGCTGACCATCTACGTTCTGCGCCGACAAGCTTTGATGTTACTGCACGGCCACACCGAGGAACCGCC
 TGGACTAAGTCTGGATTTCTGAAGTGCTGCAAGAGGAATACGGCCGAGGAAGAGAACTCTGCAACCCT
 AACCAAGACCAGAACGCACGCCGAAGAAAGAAGAGAGACGTCCTAGGGGCACCATGCAGGCTATCA
 ACAATGAAAGAAAAGCTTCGAAAGTCTTGGGATTGTTTTCTTTGTGTTTCTGATCATGTGGTGCCCAT
 TTTCAATACCAATATTCTGTCTGTTCTTTGTGAGAAGTCTGTAACCAAAAGCTCATGAAAAAGCTTCTG
 AATGTGTTTGTGGATTGGCTATGTTTGTTCAGGAATCAATCCTCTGGTGATACTCTGTTCAACAAAA
 TTTACCGAAGGCAATTCTCCAATATTTGCGTTGCAATTATAAGGTAGAGAAAAAGCCTCTGTGAGGCA
 GATTCCTCAAGAGTTGCCGCCACTGCTTTGTCTGGGAGGGAGCTTAATGTTAACATTTATCGGCATACCAAT
 GAACCGGTGATCGAGAAAGCCAGTGACAATGAGCCCGGTATAGAGATGCAAGTTGAGAATTTAGAGTTAC
 CAGTAAATCCCTCCAGTGTGGTAGCGAAAGGATTAGCAGTGTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MVNLRNAVHSFLVHLIGLLVWQCDISVSPVAAIVTDIFNTSDGGRFKFPDGVQNWPAISIVIIIIMTIGG
 NILVIMAVSMEKKLHNATNYFLMSLAIDMLVGLLVMPLSLLAILYDYVWPLPRYLCPVWISLDVLFSTA
 SIMHLCAISLDYVAIRNPIEHSRFSNRKAIMKIAIVWAISIGVSVPIPVIGLRDEEKVFVNNTTCVLN
 DPNFVLIGSFVAFFIPLTIMVITYCLTIYVLRQALMLLHGHTTEPPGLSLDFLKCKKRNTAEENSANP
 NQDQNAARRRRKKERRPRGTMQAINNERKASKVLGIVFFVFLIMWCPFFITNLSVLCEKSCNQKLMKLL
 NVFVWIGYVCSGINPLVYTLFNKIYRRAFSNYLRCNYKVEKKPPVRQIPRVAATALSGRELNVNIYRHTN
 EPVIEKASDNEPGIEMQVENLELPVNPSSVVSERISSV

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_000868

ORF Size:

1374 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_000868.1</u>
RefSeq Size:	4775 bp
RefSeq ORF:	1377 bp
Locus ID:	3358
UniProt ID:	<u>P28335</u>
Cytogenetics:	Xq23
MW:	51.6 kDa