

Product datasheet for **RC228899A1V**

Human HIC5 (TGFB1I1) (NM_001164719) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human HIC5 (TGFB1I1) (NM_001164719) AAV Particle
Tag:	Myc-DDK
Symbol:	HIC5
Synonyms:	ARA55; HIC-5; HIC5; TSC-5
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC228899 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGCCAAGGTCAGGGGCTCCCAAAGAGCGCCCTGCGGAGCCTCTACCCCTCCCCATCCTATGGCCACC
 AGCCACAGACAGGGTCTGGGGAGTCTTCAGGAGCCTCGGGGACAAGGACCACCTGTACAGCACGGTATG
 CAAGCCTCGGTCCCCAAAGCCTGCAGCCCCGGCGGCCCTCCATTCTCCTCTTCAGCGGTGTCTTGGGT
 ACCGGGCTCTGTGAGCTAGATCGGTTGCTTCAGGAACCTAATGCCACTCAGTTCAACATCACAGATGAAA
 TCATGTCTCAGTTCCTATCTAGCAAGGTGGCTTCAGGAGAGCAGAAGGAGGACCAGTCTGAAGATAAGAA
 AAGACCCAGCCTCCCTTCAGCCCGTCTCCTGGCCTCCCAAAGGCTTCTGCCACCTCAGCCACTCTGGAG
 CTGGATAGACTGATGGCCTCACTCTGACTTCCGCGTTCAAACCATCTTCAGCCTCTGGGCCAACTC
 AGCCACCGGTGGTGGCTCCACAAATGAGGGCTCCCCATCCCCACCAGAGCCGACTGGCAAGGGCAGCCT
 AGACACCATGCTGGGGCTGCTGAGTCCGACCTCAGCCGCCGGGTGTTCCACCCAGGCCAAAGGCCTC
 TGTGGCTCCTGCAATAAACCTATTGCTGGGCAAGTGGTACGGCTCTGGGCCGCGCTGGCACCCCGAGC
 ACTTCGTTTGGGAGGCTGTTCCACCGCCTGGGAGGAGCAGCTTCTTCGAGAAGGATGGAGCCCCCTT
 CTGCCCCGAGTGCTACTTTGAGCGCTTCTCGCCAAGATGTGGCTTCTGCAACAGCCCATCCGACACAAG
 ATGGTGACCGCCTTGGGCACTCACTGGCACCCAGAGCATTCTGCTGCGTCAGTTGCGGGGAGCCCTTCG
 GAGATGAGGGTTTCCACGAGCGCGAGGGCCGCCCTACTGCCGCCGGGACTTCTGCAGCTGTTCCGCCCC
 GCGTGTCCAGGGCTGCCAGGGCCCCATCCTGGATAACTACATCTCGGCGCTCAGCGCGCTCTGGCACCCG
 GACTGTTTCGTCTGCAGGAATGCTTCGCGCCCTTCTCGGGAGGACGCTTTTCGAGCACGAGGGCCGCC
 CGTGTGCGAGAACCCTTCCACGCACGACGCGCTCGCTGTGCGCCACGTGTGGCCTCCCTGTGACCCG
 CCGCTGGGTGTGCGCCCTGGGTGCGCGCTTCCACCCGAGCACTTCACATGCACCTTCTGCCTGCGCCCG
 CTCACCAAGGGTCTTCCAGGAGCGCGCCGGAAGCCCTACTGCCAGCCTGCTTCTGAAGCTCTTCG
 GC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC228899 protein sequence
 Red=Cloning site Green=Tags(s)

MPRSGAPKERPAEPLTPPPSYGHQPQTGSGESSGASGDKDHLYSTVCKPRSPKPAAPAAPPFSSSSGVLG
 TGLCELDRLQLQELNATQFNITDEIMSQFPSSKVASGEQKEDQSEDKKRPSLPSSPSPGLPKASATSATLE
 LDRLMASLSDFRVQNHLPASGPTQPPVVSSTNEGSPSPPEPTGKGS LDTMLGLLQSDL SRRGVPTQAKGL
 CGSCNKPIAGQVVTALGRAWHPEHFVCGGCSTALGGSSFFEKDGAPFCPECYFERFSPRCGFCNQPIRHK
 MVTALGTHWHPEHFCCVSCGEFPGDEGFHEREGRPYCRRDFLQLFAPRCQGCQGPILDNYISALSALWHP
 DCFVCRECFAPFSGGSFFEHEGRPLCENHFHARRGSLCATCGLPVTGRCVSALGRRFHPDHTCTFCLRP
 LTKGSFQERAGKPYCQPCFLKLF

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001164719

ORF Size:

1332 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_001164719.1, NP_001158191.1</u>
RefSeq Size:	1782 bp
RefSeq ORF:	1335 bp
Locus ID:	7041
UniProt ID:	<u>O43294</u>
Cytogenetics:	16p11.2
MW:	47.9 kDa