

Product datasheet for **RC207797A1V**

Human Hyaluronan synthase 1 (HAS1) (NM_001523) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Hyaluronan synthase 1 (HAS1) (NM_001523) AAV Particle
Tag:	Myc-DDK
Symbol:	HAS1
Synonyms:	HAS
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC207797 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGAGACAGGACGCGCCCAAGCCCACTCCTGCAGCCCGCGCTGCTCCGGCCTGGCCCGAGGGTCTGA
 CCATCGCCTTCGCCCTGCTCATCTGGGCCTCATGACCTGGGCCTACGCCGCCGGGGTGCCTGCGCCTC
 CGATCGCTACGGCCTCCTGGCCTTCGGCCTCTACGGGGCCTTCCTTTACGCGCACCTGGTGGCGCAGAGC
 CTCTTCGCGTACCTGGAGCACCGGCGGGTGGCGGCGGCGCGGGGGCCGCTGGATGCAGCCACCGCGC
 GCAGTGTGGCGCTGACCATCTCCGCCTACCAGGAGGACCCCGCTACCTGCGCCAGTGCTGGGTCCGC
 CCGCGCCCTGCTGTACCCGCGCGCGGGCTGCGCGTCTCATGGTGGTGGATGGCAACCGCGCCGAGGAC
 CTCTACATGGTCGACATGTTCCGCGAGGTCTTCGCTGACGAGGACCCGCCACGTACGTGTGGGACGGCA
 ACTACCACCAGCCCTGGGAACCCGCGGCGGGCGGGTGGGCGCCGAGCCTATCGGGAGGTGGAGGC
 GGAGGATCCTGGGCGGTGGCAGTGGAGGCGCTGGTGGGACTCGTAGGTGCGTGTGCGTGGCGCAGCGC
 TGGGGCGGCAAGCGCGAGGTCTGTACACAGCCTTCAAGGCGCTCGGAGATTGATGGACTACGTGCAGG
 TCTGTGACTCGGACACAAGGTTGGACCCCATGGCACTGCTGGAGCTCGTGGGGTACTGGACGAGGACCC
 CCGGGTAGGGGCTGTTGGTGGGACGTGCGGATCCTTAACCTCTGGACTCCTGGGTGAGCTTCTTAAGC
 AGCCTGCGATACTGGGTAGCCTCAATGTGGAGCGGGCTGTGAGAGTACTTCCACTGTGTATCCTGCA
 TCAGCGGTCTCTAGGCCTATATAGGAATAACCTCTTGAGCAGTTTCTTGAGGCCTGGTACAACAGAA
 GTTCTGGGTACCACTGTACTTTTGGGATGACCGGCACCTACCAACCGCATGCTCAGCATGGGTTAT
 GCTACCAAGTACACCTCCAGTCCCCTGCTACTCAGAGACGCCCTCGTCTTCTGCGGTGGCTGAGCC
 AGCAGACAGCTGGTCCAAGTCGTAATCCGTGAGTGGTGTACAACGCGCTCTGGTGGCAGCGGACCA
 TGGTGGATGACCTACGAGGCGGTGGTCTCCGGCCTGTTCCCTTCTTCGTGGCGGCCACTGTGCTGCGT
 CTGTTCTACGCGGGCCGCCCTTGGGCGCTGCTGTGGGTGCTGCTGTGCGTGCAGGGCGTGGCACTGGCCA
 AGGCGGCCTTCGCGCCTGGCTGCGGGGCTGCCTGCGCATGGTGTCTGTGCTCTACGCGCCCTCTA
 CATGTGTGGCCTCCTGCCTGCCAAGTTCCTGGCGCTAGTACCATGAACCAGAGTGGTGGGACCTCG
 GGCCGGCGGAAGCTGGCCGCTAACTACGTCCCTCTGCTGCCCTGGCGCTCTGGGCGCTGCTGCTGCTT
 GGGGCTGGTCCGAGCGTAGCACACGAGGCCAGGGCCGACTGGAGCGGCCCTTCCGCGCAGCCGAGGC
 CTACCACTTGGCCGCGGGGCGGCGCCTACGTGGGCTACTGGGTGGCCATGTTGACGCTGTACTGGGTG
 GCGTGGGAGGCTTTGCCGGCGCGGACCGGGGCTACCGCGTCCAGGTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC207797 protein sequence
 Red=Cloning site Green=Tags(s)

MRQDAPKPTPAARRCSGLARRVLTIAFALLILGLMTWAYAAGVPLASDRYGLLAFGLYGAFLSAHLVAQS
 LFAYLEHRRVAAAARGPLDAATARSVALTISAYQEDPAYLRQCLASARALLYPRARLRVLMVVDGNRAED
 LYMDMFREVFADDPATYVWDGNYHPWEPAAAGAVGAGAYREVEADPGRLAVEALVTRRCVCVAQR
 WGGKREVMYAFKALGDSMDYVQVCDSDTRLDPMALLELVRVLDEDPRVGAVGGDVIRLNPLDSWVSFLS
 SLRYWVAFNVERACQSYFHCVSCISGPLGLYRNNLLQQFLEAWYNQKFLGTHCTFGDDRHLNRM LSMGY
 ATKYTSRRCYSETPSSFLRWLSQQTRWSKSYFREWLYNALWWHRHHAWMTYEAVVSGLPFFVAATVLR
 LFYAGRPWALLWVLLCVQGVALLAKAAFAAWLRGCLRMVLLSLYAPLYMCGLLPAKFLALVTMNQSGWGTS
 GRRKLAANYVPLLPLALWALLLLGGLVRSVAHEARADWSGPSRAAEAYHLAAGAGAYVGYVWAMTLTYWV
 GVRRLCRRRTGGYRVQV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_001523
ORF Size:	1731 bp
Buffer:	PBS with 0.001% Pluronic F6132
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_001523.1</u>
RefSeq Size:	2140 bp
RefSeq ORF:	1737 bp
Locus ID:	3036
UniProt ID:	<u>Q92839</u>
Cytogenetics:	19q13.41
MW:	64.8 kDa