

Product datasheet for **RC200552A1V**

Human HYAL2 (NM_033158) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human HYAL2 (NM_033158) AAV Particle
Tag:	Myc-DDK
Symbol:	HYAL2
Synonyms:	LUCA2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC200552 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCGGGCAGGCCAGGCCACCGTTACATTGGCCCTGGTGCTGGCGGTGGCATGGGCCATGGAGCTCA
 AGCCACAGCACCCACCATCTTCACTGGCCGGCCCTTTGTGGTAGCGTGGGACGTGCCACACAGGACTG
 TGGCCACGCCTCAAGGTGCCACTGGACCTGAATGCCTTTGATGTGCAGGCCTCACCTAATGAGGTTTT
 GTGAACCAGAATATTACCATCTTCTACCGCGACCGTCTAGGCCTGTATCCACGCTTCGATTCTGCCGAA
 GGTCTGTGCATGGTGGTGTGCCACAGAATGTCAGCCTTTGGGCACACCGGAAGATGCTGCAGAAACGTGT
 GGAGCACTACATTCGGACACAGGAGTCTGCGGGGCTGGCGGTATCGACTGGGAGGACTGGCGACCTGTG
 TGGGTGCGCAACTGGCAGGACAAAGATGTGTATCGCCGTTATCACGCCAGCTAGTGGCCAGTCGTACC
 CTGACTGGCCTCCAGACCGCATAGTCAAACAGGCACAATATGAGTTTGAGTTCGCAGCACAGCAGTTCAT
 GCTGGAGACACTGCGTTATGTCAAGGCAGTGGCGCCCGGCACCTCTGGGGCTTCTACCTCTTCTGAC
 TGCTACAATCATGATTATGTGCAGAACTGGGAGAGCTACACAGGCCGCTGCCCTGATGTTGAGGTGGCC
 GCAATGACCAGCTGGCTGGCTGTGGGTGAGAGCACGGCCCTCTCCGCTGTGTCTACCTGGACGAGAC
 ACTTGCTTCTCCCGCCATGGCCGCAACTTTGTGAGCTTCCGTGTTTACGAGGCCCTTCGTGTGGCTCGC
 ACCCACCATGCCAACCATGCACTCCAGTCTACGTCTTACACAGCCACCTACAGCCGACGGCTCACGG
 GGCTTAGTGAGATGGACCTCATCTTACCATTTGGCGAGAGTGGCGCCCTGGGCGCAGCTGGTGTATCCT
 CTGGGTGACGCGGGGTACCCACAAGCACGGAGACCTGCCAGTACCTCAAAGATTACCTGACACGGCTG
 CTGGTCCCCTACGTGGTCAATGTGTCTGGGCCACCAATATTGCAGCCGGGCCAGTGCCATGGCCATG
 GCGCTGTGTGCGCCGAACCCAGTGCCAGTACCTTCTGCATCTCAGCACCAACAGTTCCGCCTAGT
 GCCTGGCCATGCACCTGGTGAACCCAGCTGCGACCTGTGGGGGAGCTCAGTTGGGCCGACATTGACCAC
 CTGCAGACACACTTCCGCTGCCAGTGCTACTTGGGCTGGAGTGGTGAAGCAATGCCAGTGGGACCATAGGC
 AGGCAGCTGGAGGTGCCAGCGAGGCCTGGGCTGGGTCCCACCTACCAGTCTGCTGGCTCTGGCAGCCCT
 GGCCTTTACCTGGACCTTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC200552 protein sequence
 Red=Cloning site Green=Tags(s)

MRAGPGPTVTLLALVLAVAWAMELKPTAPPIFTGRPFVVAWDVPTQDCGPRLKVPLDLNAFDVQASPNEG
 VNQNITIFYRDRLGLYPRFDSAGRSVHGGVPQNVSLWAHRKMLQKRVEHYIRTQESAGLAVIDWEDWRPV
 WVRNWQDKDVYRRLSRQLVASRHPDWPPDRIVKQAQYEFEEFAAQFMLETLYVKAVRPRHLWGFYLPD
 CYNHDYVQNWESYTGRCPDVEVARNDQLAWLWAEALFSPVYLDETLASSRHGRNFVSRVQEAALRVAR
 THHANHALPVYVFTPTYSRRLTGLSEMDLISTIGESAALGAAGVILWGDAGYTTSTETCQYLKDYLTR
 LVPYVVNVSWATQYCSRAQCHGHGRCVRRNPSASTFLHLSTNSFRLVPGHAPGEPQLRPVGELSWADIDH
 LQTHFRQCQYLWGSGEQCQWDHRQAAGGASEAWAGSHLTSLALLAALFTWTL

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_033158

ORF Size:

1419 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_033158.2</u>
RefSeq Size:	2413 bp
RefSeq ORF:	1422 bp
Locus ID:	8692
UniProt ID:	<u>Q12891</u>
Cytogenetics:	3p21.31
MW:	53.8 kDa