

Product datasheet for **MR210328A1V**

Mouse Hook1 (NM_030014) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Hook1 (NM_030014) AAV Particle
Tag:	Myc-DDK
Symbol:	Hook1
Synonyms:	A930033L17Rik; azh
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR210328 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGGACCCGAGCCGCTGCCACAGTCCGAGCTGCCGCTGTGTGACAGCCTCATCATCTGGCTGCAGA
 CATTCAAGACTGCCTCACCTTGTCAAGATGTCAAACAGCTGACTAATGGAGTGACCATGGCACAAGTTCT
 TCATCAAATTGATGTAGCTTGGTTACGCGAATCTTGGTTAAGCCGAATTAAAGATGATGTTGGAGACAAC
 TGGAGAATAAAGGCTAGTAACCTGAAGAAGTCTCCATGGAATTACAAGTTACTATCATGAGTTTTTGG
 GGCAGCAGATTTCTGAAGAACTATCCCTGATTTAAATCAAATCACTGAGTGTGCAGATCCTGTGGAGCT
 TGGGAGGTTGCTTCAGCTAATTCTAGGATGTGCACTCACTGTGAAAAGAAGCAAGAACATATAAAAAT
 ATAATGACCTGGAAGAATCTGTTCAACATGTGGTCATGACTGCAATTCAGGAGCTGATGAGTAAAGAAA
 TAGTGATCTCTCTGCAAGTGACACGGTGGGAGAATTAGAACAGCAGCTTAAAGGGCTTTAGAAGAGCT
 TCAGGAGGCCATAGCAGAAAAGGAAGAGCTGAAGCAGAGGTGCCAGGAATGGATATGCAGGTGACTACA
 CTTGAGGATGAGAAGAATTCAGTGGTCTCTGAGAATGAGATGATGAATGAAAAGCTTGACCAGTTGGATG
 GCTCTTTTGATGATCCAAATACAATGGTTGCAAAGAAATATTTTCACGTACAGCTACAAC TAGAACAAAT
 ACAAGAAGAAAATATAGGCTTGAAGCTGCAAAAGATGATTACCGTGTTCACTGTGAGGAACTTGAAAAG
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 ATAAGCGCCAGGTTGAGACCTTCACACAAAGCTTTCTCTGAATCCAAAAGGGCAGATACACTAGCATT
 TGAATGAAAGAGGCTTGAAGAAAAACATGAAACTTTACTCAAGGAAAAAGAGCGATTGATAGAACAGCGT
 GACACTCTGAAGGAGACGAATGAGGAGCTGCGGTGCTCAAAAGCACAGCAAGATCACTTAAACCAAGCTG
 ATGCATCTGCTACAAAAGTTATGAAAATCTTGCTGCTGAGATCATGCCCGTGAATACAGAGAGGTGTT
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 CAGCTGCAGGAGCAACTGGAGCAGAAGCACCGCAAGATGAATGAGCTGGAAACCGAGCAAAAGGTTGAGCA
 AAGAGCGCATCGGAGAACTACAGCAGCAAAATGAGGACCTCCAGAAGTCATTACAAGAACAGGGCTCTAA
 GTCTGAAGGTGAAAGTTCCAGCAAAATTAAGCAGAAGTTGGAAGCTCATATGGAAAACTAACAGAAGTC
 CATGAAGAATTACAGAAGAAACAGGAGCTCATTGAAGACCTTCAGCCAGATATAAGTCAGAATGCCCAA
 AGATCAGTGAACCTGAAGCGGCTCTTCAGAAGAAAGATGAAGACATGAAAGCAATGGAGGAGAGATACAA
 AATGTACTTAGAGAAAGCCAGGAATGTAATAAAAACTTTAGATCCCAAATTAATCCAGCATCAGCAGAA
 ATAATGTTACTCAGAAAGCAGCTGGCGGAGAAGGAAAGAAGATTGAGATTCTAGAGAGTGAATGTAAG
 TAGCAAAATTGAGGGATTATGAGGAAAACTCATTGTTTCTGCCTGGTATAACAAGAGCCTGGCGTTTCA
 GAAATTGGGCATGGAGTCTCGGCTGGTGAGTGGTGCTAGTGCTTGCAAAGACAGCGTTGCGGCTGCTCCT
 GCACGTTCTTCTTAGCGCAGCAGCGGCACATCACCAACACCCGAAGAAACCTCTCTGTTAAGGTCCAG
 CTGCAGCATCTGAC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR210328 protein sequence Red=Cloning site Green=Tags(s) MEDPQPLPQSELPLCDSLIIWLQTFKTASPCQDVKQLTNGVTMAQVLHQIDVAFSESWSRIKDDVGDN WRIKASNLKKVLHGITSYYHEFLGQQISEELIPDLNQITECADPVELGRLLQLILGCAVNCEKKQEHKN IMTLEESVQHVVMTAIQELMSKEIVISPASDTVGELEQQLKRALEELQEATAEKEELKQRCQELDMQVTT LQDEKNSLVSENNEMNEKLDQLDGSFDDPNTMVAKKYFHVQLQLEQLQEENYRLEAAKDDYRVHCEELEK QLIEFQHRNDELTSLAETRALKDEIDVLRATSDKANKLESTVEYRQKLQDLNDRKQVKSLETNMMY MHNTVSLSEELKKANAARAQLETYKRQVQDLHTKLSSESKRADTLAFEMKRLEEKHETLLKEKERLIEQR DTLKETNEELRCSKAQQDHLNQADASATKSYENLAAEIMPVEYREVFIRLQHENKMLRLQQEGTENERIE QLQEQLQKHKRMNELETEQRLSKERIGELQQQIEDLQKSLQEQGSKSEGESSSKLKQKLEAHMEKLTEV HEELQKKQELIEDLQPDISQNAQKISELEAALQKKDEDMKAMEERYKMYLEKARNVIKTLDPKLNPASAE IMLLRKQLAEKERRIEILESECKVAKLRDYEELIVSAWYNKSLAFQKLGMSRLVSGASACKDSVAAAP ARSFLAQQRHITNTRNLSVKVPAAASD TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_030014
ORF Size:	2184 bp
Buffer:	PBS with 0.001% Pluronic F1419
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_030014.2, NP_084290.1</u>
RefSeq Size:	4252 bp
RefSeq ORF:	2187 bp
Locus ID:	77963
UniProt ID:	<u>Q8BIL5</u>
Cytogenetics:	4 44.17 cM
MW:	84.4 kDa