

Product datasheet for **RC211137A1V**

Human HMG2L1 (HMGXB4) (NM_005487) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human HMG2L1 (HMGXB4) (NM_005487) AAV Particle
Tag:	Myc-DDK
Symbol:	HMG2L1
Synonyms:	high-mobility group protein 2-like 1; HMG2L1; HMGBCG; HMG box domain containing 4; OTTHUMP00000028778; THC211630
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC211137 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGGATCGCC

ATGGACCTGTTGAAAGCTATCACTTCCCCACTGGCAGCAGGCTCCAAGCCCTCCAAAAGACTGGGGAGA
 AATCCTCTGGCTCTTCAAGCCATTTCGGAGAGTAAAAAGGAGCACCACAGGAAGAAAGTCAGTGGAAGCAG
 TGGGGAACACCCCTAGAGGATGGTGTCTCCCAAAATCGAAAAAATGAAACCTCTCTATGTGAACACA
 GAGACACTGACCTTCGGGAGCCTGATGGTTTAAAAATGAAACTTATTCTGTACCAAAAGGAGAAGGGAA
 GCAGCTCTGTTGATGAGGAGTCTTTCAATATCCCTCCCAACAAGCGACTGTGAAAAATCCTCAAAGAA
 ATCAGCTCGGGATGAGCAGGGTCTTTACTCTAGGACATGAGTTACAGAGCTTTCTGAAACAGCCCGG
 AAAAAGCACAAGTCATCCTCAGACGCACATTATCTCTGGCCCTGAAGGCTGTGGGTCTGACGCCTCCC
 AGTTCGACAGTCCCACAGTCTAACCTTGATCTTTAGGGCTTGAACCTATTCTGGTAGAATCAGACTC
 ATCCTCTGGTGGGGAAGTGAAGGCTGGGAGTTAGTGATAGATGATTCTTACCGAGAAATCAAGAAGAAA
 AAGAAGTCAAAGAAGAGCAAAAAGAAGAAAGACAAGGAGAAGCATAAAGAGAAGCGACACTCCAAGTCCA
 AGAGAAGTTTAGGACTTTCTGCCGTGCCAGTGGGAGAGGTACAGTGACATCTGGCCCTCCTCCCAGCAT
 CCCATACGCTGGAGCAGCAGCACCTCCCTGCCACTTCTGGCCTCCACACAGATGGGCATAGTAAAAA
 AAAAAGAAAAAGAAGAGAAGGACAAAGAGAGAGAGAGAGGAGAAAAAGCCAAAAAGAAGACATGTCGG
 CCTACCAGGTGTTCTGTAAAGAGTATCGCGTGACCATTTGGCTGACCATCCAGGTATAGATTTTGGGGA
 ACTTAGTAAAAAAGTGGCTGAGGTGTGGAAGCAATTACCAGAAAAAGACAACTGATTTGGAAGCAAAAA
 GCTCAGTATCTGCAGCACAACAGAACAAGCAGAAGCCACAAGTGTGAAAAGGAAAGCATCCAGCTCAG
 AAGGTTCCATGAAAGTCAAAGCCTCTTCTGTAGGAGTACTGTACCCCAAGAAAGTCCCCACCCACCAC
 CATGCTGTTACCAGCCTCACCAGCCAAAGCCCTGAGACAGAGCCCATTTGATGTTGCTGCTCATCTTCAG
 CTGTTGGGAGAGTCCCTAAGCCTCATTGGACACCGTCTGCAGGAACTGAGGGTATGGTGGCTGTGTCTG
 GCAGTTTGTGAGTCTCTGGATTCCATTATCTGTGCCCTTGGCCCTTGGCATGTCTACCCACACAAGT
 ACCTGAATTGAATGGCTGTCCCAACAGGTCTTGTCAAACACATTAGACAACATTGCTTACATCATGCCG
 GGACTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC211137 protein sequence
 Red=Cloning site Green=Tags(s)

MDLLKAITSPLAAGSKPSKKTGEKSSGSSSHSESKKEHHRKKVSGSSGELPLEDGVSHKSKMKMPLYVNT
 ETLTREPDGLKMKLILSPKEKGSSSVDEESFQYPSQATVKKSSKKSARDEQGALLLGHELQSFLKTAR
 KKHKSSDAHSSPGPEGCGSDASQFAESHANLDLSGLEPILVESDSSSGGELEAGELVIDDSYREIKKK
 KSKSKSKKKDKKEKHKEKRHSKSKRSLGLSAVPVGEVTVTSGPPPSIPYAGAAAPPLPLPGLHTDGHSEK
 KKKKEEKDKERERGEKPKKNMSAYQVFCKEYRVTIVADHPGIDFGELSKKLAEVWKQLPEKDKLIWKQK
 AQYLQHKQNKAEATTVKRKASSSESGSMKVKASSVGLSPQKSPPTTMLLPASPAKAPETEPIDVAHLQ
 LLGESLSLIGHRLQETEGMVAVSGSLSVLLDSIICALGPLACLTQLPELNGCPKQVLSNTLDNIAYIMP
 GL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_005487

ORF Size:

1476 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_005487.3, NP_005478.2</u>
RefSeq Size:	4220 bp
RefSeq ORF:	1478 bp
Locus ID:	10042
Cytogenetics:	22q12.3
MW:	53.2 kDa