

Product datasheet for **RC222336A1V**

Human Integrin beta 8 (ITGB8) (NM_002214) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Integrin beta 8 (ITGB8) (NM_002214) AAV Particle
Tag:	Myc-DDK
Symbol:	ITGB8
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

ORF Nucleotide Sequence:

>RC222336 representing NM_002214
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTGCGGCTCGGCCCTGGCTTTTTTTACCGCTGCATTTGTCTGCCTGCAAAACGACCGCGAGGTCCCG
 CCTCGTTCCTCTGGGCAGCCTGGGTGTTTTCACTTGTTCTTGGACTGGGCCAAGGTGAAGACAATAGATG
 TGCATCTTCAAATGCAGCATCCTGTGCCAGGTGCCCTTGCCTGGGTCCAGAATGTGGATGGTGTGTTCAA
 GAGGATTTCAATTCAGGTGGATCAAGAAGTGAACGTTGTGATATTGTTTCCAATTTAATAAGCAAAGGCT
 GCTCAGTTGATTCAATAGAATACCCATCTGTGCATGTTATAATACCCACTGAAAAATGAAATTAATACCCA
 GGTGACACCAGGAGAAGTGTCTATCCAGCTGCGTCCAGGAGCCGAAGCTAATTTTATGCTGAAAGTTCAT
 CCTCTGAAGAAATATCCTGTGGATCTTTATTATCTTGTTGATGTCTCAGCATCAATGCACAATAATATAG
 AAAAAATTAATTCGTTGAAACGATTTATCTAGAAAAATGGCATTTTTCTCCCGTGACTTTCGTTCTTGG
 ATTTGGCTCATACGTTGATAAAACAGTTTCACCATACATTAGCATCCACCCGAAAGGATTCATAATCAA
 TGCAGTGACTACAATTTAGACTGCATGCCTCCCATGGATACATCCATGTGCTGTCTTTGACAGAGAACA
 TCACTGAGTTTGAGAAAGCAGTTCATAGACAGAAGATCTCTGGAACATAGATACACCAGAAGGAGGTTT
 TGACGCCATGCTTCAGGCAGCTGTCTGTGAAAGTCATATCGGATGGCGAAAAGAGGCTAAAAGATTGCTG
 CTGGTGATGACAGATCAGACGTCTCATCTCGCTCTTGATAGCAAATTTGGCAGGCATAGTGGTGCCCAATG
 ACGGAACTGTCTCTGAAAAACAACGTCTATGTCAAATCGACAACCATGGAACACCCCTCACTAGGCCA
 ACTTTCAGAGAAATTAATAGACAACAACATTAATGTCTCTTTGCAGTTCAAGGAAAAACAATTTTATTGG
 TATAAGGATCTTCTACCCCTCTTGCCAGGCACCATTTGCTGGTGAATAGAATCAAAGGCTGCAAACTCA
 ATAATTTGGTAGTGGAAGCCTATCAGAAGCTCATTTCAGAAGTGAAAGTTCAGGTGGAACACAGGTACA
 AGGCATCTATTTTAACATTACCGCCATCTGTCCAGATGGGTCCAGAAAGCCAGGCATGGAAGGATGCAGA
 AACGTGACGAGCAATGATGAAGTTCTTTCAATGTAACAGTTACAATGAAAAAATGTGATGTACAGGAG
 GAAAAAATATGCAATAATCAAACCTATTGGTTTTAATGAAACCGCTAAAATTATATACACAGAACTG
 CAGCTGTCTGAGTGAGGACAACAGAGGACCTAAAGGAAAGTGTGTAGATGAACTTTTCTAGATTCCAAG
 TGTTTCCAGTGTGATGAGAATAAATGTCATTTTGATGAAGATCAGTTTCTTCTGAGAGTTGCAAGTCAC
 ACAAGGATCAGCCTGTTTGCAGTGGTCGAGGAGTTTGTGTTTGTGGGAAATGTTTCATGTCACAAAATTA
 GCTTGGAAGAGTGATGGAATACTGTGAAAAGGATGACTTTTCTTGCCATATCACCATGGAATCTG
 TGTGCTGGCATGGAGAGTGTGAAGCAGGCAGATGCCAATGCTTCAGTGGCTGGGAAGGTGATCGATGCC
 AGTGCCCTTCAGCAGCAGCCAGCACTGTGTCAATTCAAAGGGCCAAGTGTGAGTGGAAGAGGCACGTG
 TGTGTGTGGAAGGTGTGAGTGCACCGATCCCAGGAGCATCGGCCGCTTCTGTGAACACTGCCCCACCTGT
 TATACAGCCTGCAAGGAAACTGGAATTGTATGCAATGCCTTCACCCCTACAATTTGTCTCAGGTATAC
 TTGATCAGTGCAAAACCTCATGTGCTCTCATGGAACAACAGCATTATGTCGACCAAACTTCAGAAATGTTT
 CTCCAGCCCAAGCTACTTGAGAATATTTTTCATCATTTTCATAGTTACATTCTTGATTGGGTGCTTAA
 GTCCTGATCATTAGACAGGTGATACTACAATGGAATAGTAATAAAATTAAGTCCTCATCAGATTACAGAG
 TGTGAGCCTCAAAAAAGGATAAGTTGATTCTGCAAGTGTTTGCACAAGAGCAGTCACCTACCGACGTGA
 GAAGCCTGAAGAAATAAAAAATGGATATCAGCAAAATTAATGCTCATGAACTTTACAGGTGCAACTTC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC222336 representing NM_002214 Red=Cloning site Green=Tags(s) MCGSALAFFTAAFVCLQNDRGPASFLWAAWVFSVLGLGQGEDNRCASSNAASCARCLALGPECGWCVQ EDFISGGSRSERCDIVSNLISKGCSVDSIEYPSVHVIIPTENEINTQVTPGEVSIQLRPGAEANFMLKVH PLKKYPVDLYYLVDSASMHNIEKLNSVGNDLSRKMAFFSRDFRLGFGSYVDKTVSPYISIHPERIHNQ CSDYNLDCMPPHGYIHVLSLTENITEFEKAVHRQKISGNIDTPEGGFDAQLAAVCESHIGWRKEAKRLL LVMTDQTSHLALDSKLAGIVVPNDGNCHLKNNVYVKSTTMEHPSLGQLSEKLIDNNINVIFAVQKGQFHW YKDLLPLLPGTIAGEIESKAANLNNLVVEAYQKLISEVKVQVENQVQGIYFNITAICPDGSRKPGMEGCR NVTSDNDEVLFNVTVTMKKCDVTGGKNYAIKPIGFNETAKIHIHRNCSCQCEDNRGPKGKCVDETFLDSK CFQCDENKCHFDQFSESCKSHKDQPVCSGRGVCVCCKSCHIKLKGKYGKYCEKDDFSCPYHHGNL CAGHGECEAGRCQCFSGWEGDRCQCPASAAQHCVNSKGQVCSGRGTCVCGRCECTDPRSIGRFCEHCPTC YTACKENWNCMQCLPHNLSQAILDQCKTSCALMEQQHYVDQTSECFSSPSYLRIFFIIFIVTFLIGLLK VLIIQVILQWNSNLIKSSSDYRVSASKKDKLILQSVCTRAVTVRREKPEEIKMDISKLNHETFRCNF TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_002214
ORF Size:	2307 bp
Buffer:	PBS with 0.001% Pluronic F8487
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:	NM_002214.2
RefSeq Size:	8787 bp
RefSeq ORF:	2310 bp
Locus ID:	3696
UniProt ID:	P26012
Cytogenetics:	7p21.1
MW:	85.6 kDa