

Product datasheet for **RC212816A1V**

Human Activin Receptor Type IIB (ACVR2B) (NM_001106) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Activin Receptor Type IIB (ACVR2B) (NM_001106) AAV Particle
Tag:	Myc-DDK
Symbol:	Activin Receptor Type IIB
Synonyms:	ActR-IIB; ACTRIIB; HTX4
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC212816 representing NM_001106
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGACGGCGCCCTGGGTGGCCCTCGCCCTCCTCTGGGGATCGCTGTGCGCCGGCTCTGGGCGTGGGAGG
 CTGAGACACGGGAGTGCATCTACTACAACGCCAACTGGGAGCTGGAGCGCACCACCAGAGCGCCCTGGA
 GCGCTGCGAAGGCGAGCAGGACAAGCGCTGCACTGCTACGCCTCCTGGCGCAACAGCTCTGGCACCATC
 GAGCTCGTGAAGAAGGGCTGCTGGTAGATGACTTCAACTGCTACGATAGGCAGGAGTGTGTGGCCACTG
 AGGAGAACCCCAAGTGTACTTCTGCTGCTGTGAAGGCAACTTCTGCAACGAACGCTTCACTCATTTGCC
 AGAGGCTGGGGGCCGGAAGTACGTACGAGCCACCCCGACAGCCCCACCCTGCTCACGGTGTGGCC
 TACTACTGCTGCCCATCGGGGCTTTCCCTCATCGTCTGCTGGCCTTTTGGATGTACCGGCATCGCA
 AGCCCCCTACGGTCATGTGGACATCCATGAGGACCCTGGGCCTCCACCACCATCCCCTCTGGTGGGCT
 GAAGCCACTGCAGCTGCTGGAGATCAAGGCTCGGGGGCGCTTTGGCTGTGTCTGGAAGGCCAGCTCATG
 AATGACTTTGTAGCTGTCAAGATCTTCCACTCCAGGACAAGCAGTCTGGCAGAGTGAACGGGAGATCT
 TCAGCACACCTGGCATGAAGCACGAGAACCCTGTACAGTTCATTGCTGCCGAGAAGCGAGGCTCCAACT
 CGAAGTAGAGCTGTGGCTCATCACGGCCTTCCATGACAAGGGCTCCCTCACGGATTACCTCAAGGGGAAC
 ATCATCACATGGAACGAAGTGTGTATGTAGCAGAGACGATGTACAGGAGCCTCTCATACCTGCATGAGG
 ATGTGCCCTGGTCCGTGGCGAGGGCCACAAGCCGTCTATTGCCACAGGGACTTTAAAAGTAAGAATGT
 ATTGCTGAAGAGCGACCTCACAGCCGTGCTGGCTGACTTTGGCTGGCTGTTGATTTGAGCCAGGGAAA
 CCTCCAGGGGACACCCACGGACAGGTAGGCACGAGACGGTACATGGCTCCTGAGGTGCTCGAGGGAGCCA
 TCAACTTCCAGAGAGATGCCTTCTGCGCATTGACATGTATGCCATGGGGTTGGTGTCTGGGAGCTTGT
 GTCTCGCTGCAAGGCTGCAGACGACCCGTTGGATGAGTACATGCTGCCCTTTGAGGAAGAGATTGGCCAG
 CACCCTTCGTTGGAGGAGCTGCAGGAGGTGGTGGTGCACAAGAAGATGAGGCCACCATTAAAGTCACT
 GGTTGAAAACCCGGGCTGGCCAGCTTTGTGTGACCATCGAGGAGTGTGGGACCATGATGCAGAGGC
 TCGCTTGTCCGCGGGCTGTGTGGAGGAGCGGTGTCCCTGATTCGAGGTCGGTCAACGGCACTACCTCG
 GACTGTCTCGTTCCCTGGTGACCTCTGTACCAATGTGGACCTGCCCCCTAAAGAGTCAAGCATC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC212816 representing NM_001106
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MTAPWVALALLWGS LCAGS GRGEAETRECIYYNANWELERTNQSLERCEGEQDKRLHCYASWRNSSGTI
 ELVKKGCWLD DFN CYDRQECVATEENPQVYFCCCEGNFCNERFTHLPEAGGPEVTYEPPTAPTLLTVLA
 YSLLPIGGLSLIVLLAFWMYRHRKPPYGHVDIHEDPGPPPSPLVGLKPLQLLEIKARGRFVCVWKAQLM
 NDFVAVKIFPLQDKQSWQSEREIFSTPGMKHENLLQFIAAEKRGSNLEVELWLI TAFHDKGSLTDYLGKN
 IITWNELCHVAETMSRGLSYLHEDVPWCRGEGHKPSIAHRDFKSKNVLLKSDLTAVLADFLAVRFEPGK
 PPGDTHGQVGRTRYMAPEVLEGAINFQRDAFLRIDMYAMGLVLWELVSRCKAADGPVDEYMLPFEEEEIGQ
 HPSLEELQEVVHKKMRPTIKDHHLKHPGLAQLCVTIEECWDHDAEARLSAGCVEERVSLIRRSVNGTTS
 DCLVSLVTSVTNVDLPPKESSI

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001106

ORF Size:

1536 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_001106.2</u>
RefSeq Size:	1584 bp
RefSeq ORF:	1539 bp
Locus ID:	93
UniProt ID:	<u>Q13705</u>
Cytogenetics:	3p22.2
MW:	57.5 kDa