

Product datasheet for **RR211066**

Acvr2a (NM_031571) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Acvr2a (NM_031571) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Acvr2a
Synonyms:	Acvr2; rActR-II
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RR211066 representing NM_031571
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGGAGCTGCTGCAAAGTTGGCGTTCCGCGTCTTTCTTATCTCTTGCTCTTCAGGTGCTATACTTGGCA
 GATCGGAAACTCAGGAGTGTCTTTCTTTAATGCTAATTGGGAAAGAGACAGAACCAATCAGACTGGTGT
 TGAGCCTTGCTATGGTGATAAAGACAAACGACGACATTGTTTGTACTCTGGAAGAAATTTCTGGTTCC
 ATTGAAATAGTAAAGCAAGGTTGTTGGCTGGATGATATCAACTGCTATGACAGGACTGATTGTATAGAAA
 AAAAAGACAGCCCTGAAGTGTACTTTTGTGCTGTGAGGGCAATATGTGTAATGAAAAGTTCTCTTATTT
 TCCGGAGATGGAAGTACACAGCCACATCAAATCCTGTTACCCCGAAACCACCTACTACAACATCCTG
 CTGATTCCTTGGTACCCTTATGTTAATTGCGGGGATTGTCATTTGTGCGTTTTGGGTGTACAGACATC
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 AGGGTTGAAGCCATTGCAGCTATTGGAAGTGAAGCAAGGGGAAGATTTGGTTGTGTCTGGAAGCCAG
 TTGCTCAATGAGTATGTGGCTATCAAAATATTTCCGATACAGGACAAACAGTCTGGCAGAATGAATATG
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 CAGCATCCATCTCTTGAAGATATGCAGGAAGTTGTTGTGCATAAAAAAAGAGGCCCGTTTTAAGAGATT
 ATTGGCAGAAACACGCAGGAATGGCAATGCTCTGTGAAACGATAGAAGAATGCTGGGATCATGATGCAGA
 AGCCAGGTTATCAGCTGGATGTGTAGGTGAAAGAATTACTCAGATGCAAAGACTAACAAATATAATTACT
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 CAGAGGACATTGTAACAGTGGTCAAAATGGTGACAAATGTTGACTTTCTCCAAAGAATCTAGTCTA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR211066 representing NM_031571
 Red=Cloning site Green=Tags(s)

MGAAAKLAFVFLISCSGAILGRSETQECLFFNANWERDRNTQTVPEPCYGDKDKRRHCFATWKNISGS
 IEIVKQGCWLDDINCYDRDTCIEKKDSPEVYFCCCEGNMCNEKFSYFPEMEVTQPTSNPVTPKPPYNYIL
 LYSLVPLMLIAGIVICAFWVYRHHKMAYPVLPVTPQDPGPPPPSPLLGLKPLQLLEVKARGRFGCVWKAQ
 LLNEYVAIKIFPIQDKQSWQNEYEVYSLPGMKHENILQFIGAEKRGTSVDVLDLWITAFHEKGSLSDFLK
 ANVVSWNELCHIAETMARGLAYLHEDIPGLKDGHKPAISHRDIKSKNVLLKNNLTACIADFLALKFEAG
 KSAGDTHGQVGTTRRYMAPEVLEGAINFQRDAFLRIDMYAMGLVLWELASRCTAADGPVDEYMLPFEEEEIG
 QHPSLEDMQEVVHKKRPVLRDYWQKHAGMAMLCETIEECWDHDAEARLSAGCVGERITQMORLTNIIT
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TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

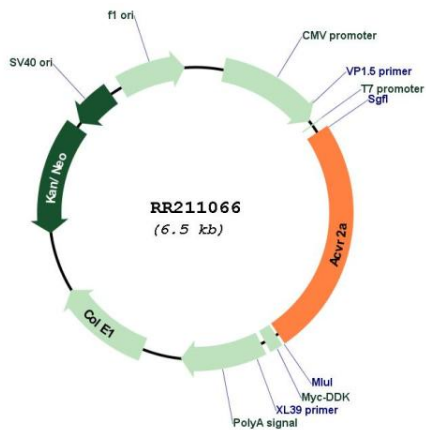
https://cdn.origene.com/chromatograms/ja1692_e03.zip

Restriction Sites:

Sgfl-MluI

Gene Summary: acts as a receptor for activin A and inhibin A [RGD, Feb 2006]

Product images:



Circular map for RR211066