

Product datasheet for **RN206132**

Acvr1 (NM_024486) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Acvr1 (NM_024486) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Acvr1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN206132 representing NM_024486
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGTCGATGGAGCAATGATCCTTTCTGTGCTAATGATGATGGCTCTCCCTCCCGAGTATGGAAGATG
 AGGAGCCCAAGGTCAACCCGAAGCTTTACATGTGTGTGTGAGGGCCTCTCCTGCGGGAACGAGGACCA
 CTGTGAGGGCCAGCAGTGTTTTTCTCCCTGAGCGTCAATGATGGCTTCCGCGTCTACCAGAAGGGCTGC
 TTT**CAGTCTATGAGCAGGGGAAGATGACGTGTAAGACCCCGCCGTCGCCTGGCCAGGCTGTGGAGTGCT**
 GCCAAGGGGACTGGTGAACAGGAACGTCACGGCCCGGCTGCCACTAAAGGGAAATCCTCCCTGGATC
 GCAGAACTCCACCTGGAAGTTGGCCTTATCATCTCTCCGTGGTGTTCGCGGTATGCCTTTTCGTTGC
 ATCCTTGGCGTTGCTCTCAGGAAGTTAAAGGGCGCAATCAAGAGCGCCTGAACCCAGAGACGTGGAGT
 ACGGTACTATCGAAGGGCTCATCACCACCAACGTCGGAGATAGCACTCTAGCGGAATTACTAGATCACTC
 ATGTACATCAGGAAGTGGCTCCGGTCTTCTTTTCTGGTACAGAGAAGTGGCTCGACAGATAACCCTG
 TTGGAGTGTGTCGGGAAGGGCCGGTATGGAGAAGTGTGGAGGGGAGCTGGCAAGGGGAAAATGTTGCTG
 TGAAGATCTTCTCCTCCCGTATGAGAAGTCGTGGTTCAGGGAGACAGAATTGTACAACACGGTTATGCT
 GAGGCATGAGAATATCTTAGGTTTCATTGCTTCAGACATGACCTCTAGACTCCAGTACCCAGCTGTGG
 CTCATTACACATTACCACGAAATGGGATCGTTGTATGACTACCTTCAGCTCACCCTCTGGACACGGTTA
 GCTGCCTTCGGATCGTGTGTCCATAGCCAGCGGCCTTGACACTTGACATAGAGATATTTGGGACCCA
 GGGGAAGTCTGCCATCGCCACCGAGATCTAAAGAGCAAAAACATCCTCGTGAAGAAGAAGGACAGTGC
 TGCATAGCAGATTTGGGCTGGCAGTCAATGCATTCCCAGAGCACGAATCAGCTTGATGTGGGAAACAAC
 CCCGTGTGGGGACCAAGCGCTACATGGCCCTGAAGTGCCTTGATGAAACCATCAAGTGGATTGCTTTGA
 TTCTTATAAGAGGGTTCGATATTTGGGCCTTTGGCCTCGTTCTGTGGGAAGTGGCCAGGAGGATGGTGA
 AATGGTATAGTGAAGATTACAAGCCACATTCTATGATGTTGTTCCCAATGACCCAAAGTTTGAAGATA
 TGAGGAAAGTTGTCTGTGTGGATCAACAGAGGCCAAACATACCTAACAGATGGTTCTCAGACCCGACATT
 AACTTCTCTGGCGAAGCTGATGAAAGAATGCTGGTACCAGAACCATCCGCCAGACTCACAGCTCTACGT
 ATCAAAAAGACTTTGACCAAAATTGATAACTCCCTAGACAAAATAAAACTGACTGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_024486

Insert Size: 1530 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_024486.1](#), [NP_077812.1](#)

RefSeq Size: 1780 bp

RefSeq ORF: 1530 bp

Locus ID: 79558

UniProt ID: [P80201](#)

Cytogenetics: 3q21

Gene Summary: potential transmembrane protein serine kinase that acts as an activin receptor [RGD, Feb 2006]