

## Product datasheet for **RN207332**

### **Acvr1b (NM\_199230) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Acvr1b (NM_199230) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Acvr1b
Synonyms:	Skr2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN207332 representing NM\_199230  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCGGAGTCGGCCGGAGCCTCCTCCTTCTTCCCCCTTGTGTCTCCTGCTCGCCGGCAGTGGCGGGT  
 CCGGGCCCCGGGGATCCAGGCTCTGCTGTGTCATGCACCAGCTGCCTACAGACCAACTACACCTGCGA  
 AACAGATGGGGCCTGCATGGTCTCCATCTTTAACCTGGATGGCATGGAGCACCACGTACGCACCTGCATC  
 CCCAAGGTGGAGCTTGTGCCTGCTGGGAAGCCCTTCTACTGCCTGAGTTCAGAGGACCTGCGCAACACGC  
 ACTGCTGTATATTGACTTCTGCAACAAGATTGACCTGAGGGTGCCAGTGGACACCTCAAGGAGCCTGA  
 GCACCCCTCCATGTGGGGCCCTGTGGAGCTGGTCGGCATCATTGCCGGTCTGTCTTCTCCTCTTCTCCT  
 ATCATCATCATCGTCTTCTGGTCATCAACTATCATCAGCGTGTCTACCACAACCGCCAAAGACTGGACA  
 TGGAGGACCCCTCATGTGAGATGTGTCTCTCAAAGACAAGACGCTCCAGGATCTCGTCTACGATCTCTC  
 CACTTCAGGATCGGGCTCAGGGTACCCTTTTTGTCCAGCGCACAGTGGCCGAACATTGTTTTACAA  
 GAGATTATCGGCAAGGGCCGGTTTGGGGAAGTATGGCGTGGCCGCTGGAGGGTGGTGTGGCTGTGA  
 AAATCTTCTCTTCCCGTGAAGAGCGGTCGTGGTCCGGGAGGCAGAGATCTACCAGACTGTCATGCTGCG  
 CCATGAAAACATCCTTGGGTTTATTGCTGCTGACAATAAAGACAATGGCACCTGGACCCAGCTGTGGCTT  
 GTCTCTGACTATCAGGACACGGCTCACTGTTGATTATCTGAACCGCTACACAGTGACCATTGAGGGGA  
 TGATTAACCTGGCCCTGTCTGCAGCCAGTGGTTTGGCACACCTGCATATGGAGATTGTGGGCACTCAGGG  
 GAAGCCTGGAATTGCTCATCGAGACTTGAAGTCAAAGAACATTCTGGTGAAGAAGATGGCATGTGTGCC  
 ATTGCAGACCTGGGCCTAGCTGTCCGTACGATGCTGTCACTGACACCATAGACATTGCTCCAAATCAGA  
 GGGTGGGAACCAACGATACATGGCTCTGAAGTACTTGACGAGACCATCAACATGAAGCACTTTGACTC  
 TTCAAGTGTGCCGATATCTACGCCCTCGGGCTTGTCTATTGGGAGATTGCTCGGAGGTGCAATTCTGGA  
 GGAGTCCATGAAGAGTATCAACTGCCATATTATGATTTAGTGCCCTCTGACCCTTCCATTGAGGAAATGC  
 GAAAGGTCGTCTGTGACCAGAAGCTACGGCCCAATGTCCCAACTGGTGGCAGAGTTATGAGGCCTTGCG  
 AGTGATGGGGAAGATGATGCGGGAGTGTGGTACGCCAATGGTGTGCCCGCTGACAGCGCTGCGCATC  
 AAGAAGACTTTGTCCAGCTAAGCGTGCAGGAAGACGTGAAGATT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_199230

**Insert Size:** 1518 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\\_199230.1](#), [NP\\_954700.1](#)

**RefSeq Size:** 2275 bp

**RefSeq ORF:** 1518 bp

**Locus ID:** 29381

**UniProt ID:** [P80202](#)

**Cytogenetics:** 7q36

**Gene Summary:** may form a heteromeric receptor complex with type II receptors specific for TGF-beta or activin [RGD, Feb 2006]