

## Product datasheet for **RN214854**

### **Bmpr1a (NM\_030849) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Bmpr1a (NM_030849) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Bmpr1a
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**Fully Sequenced ORF:** >RN214854 representing NM\_030849  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGACTCAGTATACACTTACATCAGATTACTGGGAGCCTGTCTGTTTCATATTTCTCATGTTCAAGGGC  
 AGAATCTAGATAGTATGCTCCATGGTACTGGTATGAAATCAGACGTGGACCAGAAGAAGCCGAAAATGG  
 AGTGACGTTAGCACCAGAGGACACCTTACCTTTCTTAAAATGCTATTGCTCAGGACACTGCCAGATGAC  
 GCTATTAATAACACATGCATAACTAATGGCCATTGCTTTGCCATTATAGAAGAAGATGATCAGGGAGAAA  
 CCACGTTAACTTCTGGGTGATGAAGTATGAAGGCTCTGATTTTCAATGCAAGGATTCACAAAAGCCCA  
 GCTACGCAGGACAATAGAATGTTGTCGGACCAATTTGTGCAACCAATATTTGCAGCCTACACTGCCCCCT  
 GTCGTTATAGGCCATTCTTTGATGGCAGCGTCCGATGGCTGGCTGTGCTCATCTCTATGGCTGTCTGTA  
 TTGTCGCCATGATCGTCTTCTCCAGCTGCTTCTGTTACAACATTACTGTAAGAGTATCTCAAGCAGAGG  
 TCGTTACAACCGTGACTTGAACAGGATGAAGCATTTATCCAGTAGGAGAACTACTGAAAGACCTGATT  
 GACCAGTCACAAAGCTCTGGTAGTGGATCTGGATTACCTTATTGGTTACGCGAACTATTGCCAAACAGA  
 TTCAGATGGTTCCGCAGGTTGGTAAAGGCCGGTATGGAGAAGTATGGATGGGTAATGGCGTGGTAAAA  
 AGTGGCTGTCAAAGTATTTTTACCCTGAAGAAGCTAGCTGGTTAGAGAAACAGAAATCTACCAGACG  
 GTGTTAATGCGTCATGAAAATATACTTGGTTTTATAGTGCAGACATTAAGGCACCGGTTCCCTGGACTC  
 AGCTGATTTGATTACTGATTACCATGAGAATGGGTCTCTCTATGACTTCCTGAAATGTGCCACCCTGGA  
 CACCAGAGCCCTACTCAAGTTAGCTTATCTGCTGCCTGTGGTCTGTGCCACCTCCACACAGAAATTTAT  
 GGCACGCAAGGCAAGCCTGCAATTGCTCATCGAGACCTGAAGAGCAAAAACATCCTTATTAAGAAAAATG  
 GTAGTTGCTGTATTGCTGACCTGGCCTAGCTGTTAAATCAACAGTGACACAAATGAAGTTGACATACC  
 CTTGAACACCAGGTTGGGCACCAGGCGGTACATGGCTCCAGAAGTCTGGACGAGAGCTGAGTAAAAAC  
 CATTTCAGCCCTACATCATGGCTGACATCTACAGCTTTGGTTTGATCATTGGGAGATGGCCCGTCTGCT  
 GTATTACAGGAGGAATCGTGGAGGAATATCAATTACCATATTACAACATGGTGCCTAGTGACCCATCTTA  
 TGAAGACATGCGTGAGGTCGTGTGTGAAACGCTTGGCGCAATCGTCTTAACCGCTGGAACAGTGAT  
 GAATGTCTTCGAGCCGTTTTGAAGCTGATGTCAGAATGCTGGGCCATAATCCAGCATCCAGACTCACAG  
 CTTTGAGAATCAAGAAGACGCTCGCAAAGATGGTTGAATCCAGGATGTAAGATTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_030849
- Insert Size:** 1599 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\\_030849.1](#), [NP\\_110476.1](#)

**RefSeq Size:** 3167 bp

**RefSeq ORF:** 1599 bp

**Locus ID:** 81507

**UniProt ID:** [Q78EA7](#)

**Cytogenetics:** 16p15

**Gene Summary:** may act as a serine/threonine kinase receptor; may mediate bone morphogenetic protein-induced bone formation [RGD, Feb 2006]