

Product datasheet for **SC214832**

BMPR1A (NM_004329) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	BMPR1A (NM_004329) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	BMPR1A
Synonyms:	10q23del; ACVRLK3; ALK3; CD292; SKR5
ACCN:	NM_004329
Insert Size:	2000 bp



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Insert Sequence:

>SC214832 3'UTR clone of NM_004329

The sequence shown below is from the reference sequence of NM_004329. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ATGGTTGAATCCCAAGATGTAAAAATCTGATGGTTAAACCATCGGAGGAGAACTCTAGACTGCAAGAA
CTGTTTTTACCCATGGCATGGGTGGAATTAGAGTGAATAAGGATGTTAACTTGGTTCTCAGACTCTTT
CTTCACTACGTGTTACAGGCTGCTAATATTAACCTTTCAGTACTCTTATTAGGATACAAGCTGGGAA
CTTCTAAACACTTCATTCTTTATATATGGACAGCTTTATTTTAAATGTGGTTTTTGGTCTTTTTTTA
AGTGGGTTTTTATGAACTGCATCAAGACTTCAATCCTGATTAGTGTCTCCAGTCAAGCTCTGGTACTG
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AGATGATGATGTGTTGGGATACTGCTTATTTATGATAGTTTGCCTGTGCTCCTTAGTGATGTGTGTG
TGCTCCATGCACATGCACGCCGGGATTCTCTGCTGCCATTTGAATTAGAAATAAATTTATATGC
ATGCACAGGAAGATATTGGTGGCCGGTGGTTTTGTGCTTTAAAAATGCAATATCTGACCAAGATTGCC
AATCTCATAACAAGCCATTTACTTTGCAAGTGAGATAGCTTCCCCACCAGCTTTATTTTTAACATGAAA
GCTGATGCCAAGGCCAAAAGAAGTTTAAAGCATCTGTAATTTGGACTGTTTTCTTCAACCACCATTT
TTTTGTGGTTATTTTTTGTACGGAAGCATCCTCTCCAAAGTTGGAGCTTCTATTGCCATGAACC
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CTTTATTTGCAAATCACCACCTCTTTACAACCATACTTTATATATGTACATACATTCATACTGTAGAA
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TTTCTATCCCTAACTTGTGAAGACAATGAAAAATCAGGCAGAAATTTAGTATCTAGTCAGTATCTG
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AAAAGGTTTTAAATTAATGGGAGGAAATCAGCATATGTCCACCCATTACCAAAATTTGACTATCATTTA
AGGTTAAAACCTTACAAATTTGTCTGCACATCAAATTTCAAAATTTGAAAATTTGCCTTAACCATTTTGA
TTAATAAGTTTCTGTCATAATTAAGTCTGAAGTGTTCATCAAGATAAGTAAATTTGCATATGGAT
AATACCAATAACTTGTTTTTTTCAGAAATTTTACCATATGTATACTGAGAAATACAAATTTTTAATC
TGCGTTGCCGTATGATATGATTGCACTTAGAACACCCAATTTACTTAAATCTTGGTTTACTTTTACT
ACGCGT AAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
    
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Restriction Sites:

SgfI-MluI

OTI Disclaimer:

Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components:

The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq:

[NM_004329.3](#)

Summary: The bone morphogenetic protein (BMP) receptors are a family of transmembrane serine/threonine kinases that include the type I receptors BMPR1A and BMPR1B and the type II receptor BMPR2. These receptors are also closely related to the activin receptors, ACVR1 and ACVR2. The ligands of these receptors are members of the TGF-beta superfamily. TGF-betas and activins transduce their signals through the formation of heteromeric complexes with 2 different types of serine (threonine) kinase receptors: type I receptors of about 50-55 kD and type II receptors of about 70-80 kD. Type II receptors bind ligands in the absence of type I receptors, but they require their respective type I receptors for signaling, whereas type I receptors require their respective type II receptors for ligand binding. [provided by RefSeq, Jul 2008]

Locus ID: 657

MW: 78.2