

Product datasheet for **SC202277**

Activin A Receptor Type IB (ACVR1B) (NM_020328) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Activin A Receptor Type IB (ACVR1B) (NM_020328) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	ACVR1B
Synonyms:	ACTRIB; ACVRLK4; ALK4; SKR2
ACCN:	NM_020328
Insert Size:	2000 bp



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Insert Sequence:

>SC202277 3'UTR clone of NM_020328

The sequence shown below is from the reference sequence of NM_020328. 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
CTCAGCGTGCAGGAAGACGTGAAGATCTAACTGCTCCCTCTCTCCACACGGAGCTCTGGCAGCGAGAA
CTACGCACAGCTGCCCGTTGAGCGTACGATGGAGGCCTACCTCTCGTTTCTGCCAGCCCTCTGTGGC
CAGGAGCCCTGGCCCGCAAGAGGGACAGAGCCGGGAGAGACTCGCTCACTCCCATGTTGGGTTTGAGA
CAGACACCTTTTCTATTTACCTCCTAATGGCATGGAGACTCTGAGAGCGAATTGTGTGGAGAACTCAGT
GCCACACCTCGAACTGGTTGTAGTGGGAAGTCCCGCGAAACCCGGTGCATCTGGCACGTGGCCAGGAGC
CATGACAGGGGCGCTTGGGAGGGGCCGGAGGAACCGAGGTGTTGCCAGTCTAAGCTGCCCTGAGGGTT
TCCTTCGGGGACCAGCCACAGCACACCAAGGTGGCCCGAAGAACCAGAAGTGCAGCCCTCTCACAG
GCAGCTCTGAGCCGCGCTTCCCTCCTCCTGGGATGGACGCTGCCGGGAGACTGCCAGTGGAGACGG
AATCTGCCGCTTGTCTGTCCAGCCGTGTGTGCATGTGCCGAGGTGCGTCCCCCGTTGTGCCTGGTTCG
TGCCATGCCCTTACACGTGCGTGTGAGTGTGTGTGTGTCTGTAGGTGCGCACTTACCTGCTTGAGCT
TTCTGTGCATGTGCAGGTGGGGGTGTGGTGTGCATGCTGTCCGTGCTTGTGGTGCCTCTTTTCAGTA
GTGAGCAGCATCTAGTTTCCCTGGTGCCTTCCCTGGAGGTCTCTCCCTCCCCCAGAGCCCTCATGCC
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AACGAAGCCTAGAAGCACGGCTGTGGTGGTGAATTTGGTCAAGATATCTTAGGTATATAATAACTTTGA
AGCCATAACTTTAACTGGAGTGGTTTGTATTTCTTTTTTAAATTTTATTGGGAGGGTTTGGATTTAAC
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GTCTCTCTCGTATTTGTCCCCACCCCAATTCCTTGAGTGGTTTTTGTCTAGGGCCCTTTCTTGAC
TGTCCAGCTGGTTGTACCTCTCCAGGCATTTATTCAACAAATGTGGGTGAAGTGCCTGTGGTGGCA
GGTGTGGGAATACATCTGTGGACAAGACATGCTTGGGTCTACTCCTGGAGCACTGTAAGAGAGCTG
ATTCAAGTAAGTAGATGCCTGTTTTGAGACCAGAAGGTTTCATAATTGGTTCTACGACCTTTTGGAGC
ACGCGTAAGCGGCCCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG
    
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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_020328.4](#)

Summary:

This gene encodes an activin A type IB receptor. Activins are dimeric growth and differentiation factors which belong to the transforming growth factor-beta (TGF-beta) superfamily of structurally related signaling proteins. Activins signal through a heteromeric complex of receptor serine kinases which include at least two type I and two type II receptors. This protein is a type I receptor which is essential for signaling. Mutations in this gene are associated with pituitary tumors. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Jun 2010]

Locus ID:

91

MW:

73.6