

Product datasheet for MR216726

Acvr1c (NM_001033369) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Acvr1c (NM_001033369) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Acvr1c
Synonyms:	ACTR-IC; ACVRLK7; Alk-7; ALK7; C230097P10
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR216726 representing NM_001033369 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTAACCAACGGGAAAGAGCAGGTGATCAAATCGTGTGTGCCCTCCCGAACTAAATGCTCAGGTCT
TCTGTCACAGTTCCAACAACGTGACCAAAACCGAATGTTGCTTACAGACTTCTGCAACAATATCACACT
GCACCTTCCCACAGGTCTGCCTCTTTGGTTCAAAGAACAATCGCAAGGACAATTGTACTCAAGAAATC
GTAGGAAAAGGTCGGTTTGGGGAAGTGTGGCACGGAAGATGGTGTGGAGAAGATGTGGCTGTGAAAATAT
TCTCCTCCAGGGATGAGAGATCTTGGTCCGTGAGCGGAAATTTATCAGACGGTGTGCTGAGACACGA
GAACATCCTCGGTTTCATCGCAGCTGACAACAAAGATAATGGAACCTGGACACAACCTCTGGCTTGTGTCA
GAGTATACGAGCAGGGCTCCTTGTATGACTATTTGAACAGAAACATAGTGACTGTGGCTGGAATGGTCA
AGCTGGCGCTTCCATAGCGAGTGGTCTGGCTCACCTGCACATGGAGATCGTGGGTACTCAAAGTAAGCC
TGCTATTGCTCACCGAGATATAAAGTCAAAGAATATCCTAGTCAAAAAATGTGACACTTGTGCCATAGCT
GACTTAGGGCTGGCTGTGAAGCAGATTCTATCATGAACACTATAGACATACCCAGAATCCTAAAGTGG
GAACCAAGAGGTACATGGCTCCCGAAATGCTTGATGATACAATGAACCTGAGCATCTTTGAGTCTTCAA
GCGAGCTGACATCTATTCGGTGGGGCTGGTTTACTGGGAAATAGCTCGAAGGTGTTGAGTTGGAGGATT
GTTGAGGAGTACCAGTTGCCTTACTATGACATGGTGCCTTCAGATCCTTCGATAGAAGAAATGAGGAAGG
TTGTCTGTGATCAGAACTCCGACCAAATCTCCAAACCAAGCTGGCAAGCTGTGAAGCGCTGCGGGTTCAT
GGGAAGAATAATGCGTGAGTGCTGGTACGCCAACGGGGCAGCACGCCCTGACAGCCCTGCGGTGAAGAAG
ACCATCTCCAGCTGTGTGCAAGGAAGACTGTAAGCT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTAA



[View online »](#)

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_001033369.3](#), [NP_001028541.1](#)

RefSeq Size: 8666 bp

RefSeq ORF: 1092 bp

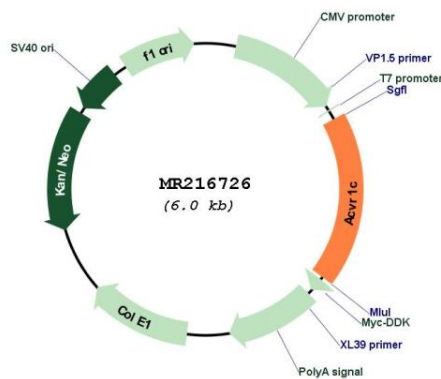
Locus ID: 269275

Cytogenetics: 2 C1.1

MW: 41.6 kDa

Gene Summary: Serine/threonine protein kinase which forms a receptor complex on ligand binding. The receptor complex consisting of 2 type II and 2 type I transmembrane serine/threonine kinases. Type II receptors phosphorylate and activate type I receptors which autophosphorylate, then bind and activate SMAD transcriptional regulators, SMAD2 and SMAD3. Receptor for activin AB, activin B and NODAL. Plays a role in cell differentiation, growth arrest and apoptosis.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR216726