

Product datasheet for MC209698

Synj2bp (NM_025292) Mouse Untagged Clone

Product data:

OriGene Technologies, Inc.

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Product Type:Expression PlasmidsProduct Name:Synj2bp (NM_025292) Mouse Untagged CloneTag:Tag FreeSymbol:Synj2bpSynnoryms:AA409442; ActRIP4; ARIP2; D12Wsu118e; OMP25Mammalian CellpcMv6-Entry (P510001)Selection:pCMv6-Entry (P510001)E. coll Selection:Kanamycin (25 ug/mL)Fully Sequenced ORF:>Mc209698 representing NM_025292Red=Cloning site Blue=ORF Orange=Stop codonTTTTGTATACGGCCGCCCGGGAATCGCCAGGAGAGCTTCGGGACCTGGGACCTGGGGCCTGGGCCTCCAACCGCCCCCCCCCCCCCCCCCCCCCCCCCCCC		
Tag:Tag FreeSymbol:Synj2bpSynonyms:AA409442; ActRIP4; ARIP2; D12Wsu118e; OMP25Mammalian CellNeomycinSelection:PCMV6-Entry (PS100001)E. coli Selection:Kanamycin (25 ug/mL)Fully Sequenced ORF:>MC209698 representing NM_025292Red=Cloning site Blue=ORF Orange=Stop codonTTTTGTAATACGACTCACTATAGGCGGCGGGGAATTCGTCGACTGGAGGACTCTGCGGGGGGAGATCTGCCGCCGCGGATCGCCATTAACGACTCACTATAGGCGGCGCGGGAATTCGTCGACGAGGGACTCTGGGGCTGGATGACGACGGGGGGGGGATTATTAGTCACGGAGGAGAACCAACC	Product Type:	Expression Plasmids
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Fully Sequenced ORF: >MC209698 representing NM_025292 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGCGGCGGGGAATTCGTCGACTGGATCCGGAGGAGATCTGCC GCCGCGACGCGGCGGGGGGATTATTTAGTCACGGAGGAAGAGATCAACCTGACGAGAGGACCTTCGGGGGCTGG GCTTCAACATCGTCGGTGGGGACAGATGATGTCTCCAACGACAGTGGCACTCTACGCAGGTAT CAAAGAGGATGGGGCTGCGGCCCAGGATGGGCGCTCCAGGAGGGGCATCTACGTCAGCGCGAT CAAAGAGATGGGGCTGCGGCCCAGGATGGGCGGCTCCAGGAGGGGATCAACAGTGTGCCGCTGGCGGCTCCAGGAGGGGATGATAGATCCTCTCGGTAATGGC CAAGATCTGAAGAACCTGCTGCAGCAGGATGGCGCTCCAGGAGGGGCTGCTAGGGGGCTGCTGGGGGCTCTCGGAGGAGGGCCTCTGGGAGGCTGTGGCGGCTGCTGAGGAGGGCTCTGGGGGGCTGCTAGGAGGGCTCTGGGGGGCTGCTGGGCGGCTCCAGGAGGGGATGGCGGGTGCAGGAGGGGCTGCTGGGCGGCTCCAGGAGGGGCTGCTGGCGGCTGCTGGCGGCTGCTGGCGGCTGCTACCAGTGTGGCGGCTCTGGGCGGCTCTGGGGGGCTCTGGGGGGCTCTGGGGGG	Vector:	pCMV6-Entry (PS100001)
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GCCGCGATCGCCATGAACGGACGGGTGGGATTATTTAGTCACGGAGGAAGAGATCAACCTGACGGAGGAGCTTCGGGGCTGG GCTTCAACATCGTCGGGGGGCACGATCAACAGTATGTCTCCAACGGACGG	Fully Sequenced ORF:	
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	OTI Disclaimer:	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



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Synj2bp (NM_025292) Mouse Untagged Clone – MC209698	
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:	 Centrifuge at 5,000xg for 5min. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. Close the tube and incubate for 10 minutes at room temperature. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 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:	<u>NM 025292.7, NP 079568.1</u>
RefSeq Size:	10417 bp
RefSeq ORF:	438 bp
Locus ID:	24071
UniProt ID:	<u>Q9D6K5</u>
Cytogenetics:	12 37.73 cM
Gene Summary:	 Isoform 1 regulates endocytosis of activin type 2 receptor kinases through the Ral/RALBP1-dependent pathway and may be involved in suppression of activin-induced signal transduction. Isoform 2 and isoform 3 show a stimulatory affect on activin-induced signal transduction and enhance activin type 2 expression at the cell surface.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript and encodes the longer protein (isoform 1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.

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