

Product datasheet for MC209698

Synj2bp (NM_025292) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Synj2bp (NM_025292) Mouse Untagged Clone
Tag: Tag Free
Symbol: Synj2bp
Synonyms: AA409442; ActRIP4; ARIP2; D12Wsu118e; OMP25
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC209698 representing NM_025292
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAACGGACGGGTGGATTATTTAGTCACGGAGGAAGAGATCAACCTGACGAGAGGACCTTCGGGGCTGG
 GCTTCAACATCGTCGGTGGGACAGATCAACAGTATGTCTCCAACGACAGTGCCATCTACGTCAGCCGTAT
 CAAAGAGGATGGGGCTGCGGCCAGGATGGCGGCTCCAGGAGGGTGATAAGATCCTCTCGGTAATGGC
 CAAGATCTGAAGAACCTGCTGCACCAAGATGCTGTAGACCTCTCCGTAATGCGGGATGTGCTGTGTCCC
 TGAGAGTACAGCACAGGTACCAGTGCAGAAATGGACCTATAGTACATCGAGGTGAAGGAGAGCCAAGTGG
 AGTTCCTGTAGCTATGGTGCTGCTACCAGTGTTTGCCTCACCATGGTAGCAGTTTGGGCCTTCGTGAGA
 TACCGAAAGCAGCTT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_025292
Insert Size: 438 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).


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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:	<ol style="list-style-type: none"> 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:	<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:	<p>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]</p> <p>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.</p>