

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
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC209698 representing NM_025292
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAACGGACGGGTGGATTATTTAGTCACGGAGGAAGAGATCAACCTGACGAGAGGACCTTCGGGGCTGG
GCTTCAACATCGTCGGTGGGACAGATCAACAGTATGTCTCCAACGACAGTGGCATCTACGTCAGCCGTAT
CAAAGAGGATGGGGCTGCGGCCAGGATGGCGGCTCCAGGAGGGTGATAAGATCCTCTCGGTAATGGC
CAAGATCTGAAGAACCTGCTGCACCAAGATGCTGTAGACCTTTCGTAATGCGGGATGTGCTGTGTCCC
TGAGAGTACAGCACAGGTTACCAGTGCAGAATGGACCTATAGTACATCGAGGTGAAGGAGAGCCAAGTGG
AGTTCTGTAGCTATGGTGTGCTACCAGTGTTTGCCTCACCATGGTAGCAGTTTGGGCCCTTCGTGAGA
TACCGAAAGCAGCTT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-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</u> , <u>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> |