

Product datasheet for **MC224575**

Synj2 (BC060214) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Synj2 (BC060214) Mouse Untagged Clone
 Tag: Tag Free
 Symbol: Synj2
 Synonyms: AI481647; mKIAA0348; SJ2
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >BC060214
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTCAGTGGGCAGAATCCAGATGCAGAGATCTACAAAATCACTGCCACTGAGTTGTACCCCTGCAGG
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CCAGCACCACCAACAGGAAGATGTGGGGCGAGCAGCTTCAGAAAGCCATCTCCCGCTCCCATCGGTACAT
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AGCGGACCGACGCTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATA
TCCTGGATTACAAGGATGACGACGATAAGGTTTAA

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Restriction Sites:

SgfI-RsrII

ACCN:

BC060214

Insert Size:

4050 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).

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:

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: [BC060214](#), [AAH60214](#)

RefSeq Size: 4694 bp

RefSeq ORF: 4049 bp

Locus ID: 20975

Cytogenetics: 17 3.59 cM

Gene Summary: Inositol 5-phosphatase which may be involved in distinct membrane trafficking and signal transduction pathways. May mediate the inhibitory effect of Rac1 on endocytosis (By similarity).[UniProtKB/Swiss-Prot Function]