

Product datasheet for **MC205403**

Syp (NM_009305) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Syp (NM_009305) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Syp
Synonyms:	A230093K24Rik; AI848995; p38; Syn
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC014823
 CATGGACGTGGTGAATCAGCTGGTGGCTGGGGGTCAAGGAGCCCCTTGGCTTCGTG
 AAGGTGCTGCAGTGGGTCTTTGCCATCTTCGCCTTTGCTACGTGCGGCAGCTACACCGGAGAGCTTCGGC
 TGAGCGTGGAGTGTGCCAACAAGACGGAGAGTGCCTCAACATCGAAGTCGAATTTGAGTACCCATTAG
 GCTGCACCAAGTACTTTGATGCACCTCCTGCGTTAAAGGGGGCACTACCAAGATCTTCTAGTTGGT
 GACTACTCCTCCTCGGCTGAATTTGTCACCGTGGCTGTGTTGCTTCTCTACTCCATGGGGGCC
 TGGCCACTACATCTTCTGCAGAACAAGTACCGAGAGAACAACAAGGGCCAATGATGGACTTCTTGGC
 CACAGCAGTGTTTCGCTTTCATGTGGCTAGTTAGCTCATCCGCCTGGGCCAAAGGCCTGTCCGATGTGAAG
 ATGGCCACTGACCCAGAGAACATTATCAAGGAGATGCCTATGTGCCGCCAGACAGAAACACATGAAGG
 AACTGAGGGACCCTGTGACTTCAGGACTCAACACCTCGGTGGTGTGGCTTCTGAACCTGGTGTCTG
 GGTTGGCAACCTATGGTTCGTGTTCAAGGAGACAGGCTGGGCCGCCCATTCATGCGCGCACCTCCAGGC
 GCCCAGAAAAGCAACCAGCTCCTGGCGATGCCTACGGCGATGCGGGCTATGGCAGGGCCCGGAGGCT
 ATGGGCCCCAGGACTCCTACGGGCCTCAGGGTGGTTATCAACCCGATTACGGGCAGCCAGCCAGCGCGG
 TGGCGGTGGCTACGGGCCTCAGGGCGACTATGGGCAGCAAGGCTACGGCCAACAGGGTGCGCCACCTCC
 TTCTCCAATCAGATGTAATCTGGTCAGTGAAGCCACGAAGACCCACGGGTGGCAAGAGCTCAAGAGA
 AGGCCTGCCCCCTTCCATCCCATATCTAGGTCTCCACCCCTCAACCCAGGAGACCCTGTCTTTGCT
 GTTATATATATATATATATATAAATATCTATTTATCTGTCTGAGCCCTACCTTCAACCCACTCCTCC
 ATGCACTAGGGGCCAGTCTGAATGGGCTCCTCCCTACCCTGACCTTGCACTCCTCAGCCCTATCGG
 TCCCCAGCCCTGTCCCGTGTGTAAGGGGGCTCTAGAAAGGGGACAGGAAGGGGGCCAGACCTTGGCTG
 CATGGAGTGGGTGATGTGACTTTTTCCCTTCTCTCCCTCTGCCCTCCTAACTTAGCCTTGG
 TTCCTCCAGCATCGCCTGAACCTAAGAAGCTCTCAAATGGAAATCAACCCCAAGAGTAGAGGGTGGAG
 GTGGCTTGGATGAAATGGGTGGAGAGGAGATGGCCTCTGTAGAGAGAGGACCAGTCAGCCAAAAGTTGAA
 TTCCACACATACTGGATGTGGAGCCTAAAAGGGAAGTGGTGTCTTACACCATTCTGGAATGGGGCTAAAA
 GGGACTGGGAGAGGGGTACTAGGAGGGGTGTGGCTTAAACACATGGTGGGTTCCGGATTGGGCAGGTTT
 GGGTTGGATCCAGCATCTCTAGAAGGGGTGTGCTTGAACATTGAGGAGTTTGGCTTATTCCAAAGA
 GCTTGAGCAAGGCTAGAAGTGGGATTCGGGAATGATCTAAGCTTGAGAGAAGGTTCTGGTCAAGATTGCA
 GACAGGCAGGTGAAGAGGACGAGGGATGTGGTGTCTCAGAAGAGGAAGCCCATCTGTAATGGGGCA
 GAAAAGAAAATACGGTTTCAGTTGAGTGGAGTTTGGAGCAGTGGGTGAGGAGCCATGGTTGGGAGCTGT
 GAGGTGAGTTTGTCTAAAAGTAGGAAGGAGTACTCCTGATTCCACCCACGCCCCAGAACGGACATAACC
 TGGGAAGAGCCAAGTATTGTGGTTTGGAGGGTGGAGGAAATGTCCCTTACTGACTCCCTCAGAAGAGGGC
 TAGATAATCAGAAGACAGAACTACAGGTCTGTGGGGCTGGCCTACCTTCTCCACCTTTCTCTGCCCTC
 TCCTCCACACTCCCGTCTGTCCCGGAGCACTGGGAGGCTGGCTCTGGAGCCCAATCCTGGACCCTCTG
 CTGTGTCTGTGACGTTGGTAGTGCCTGTGATCGTGTGTTGCCATTTGTCTGACTGTGGCCCTCCCTTT
 TCCTCCAGACCCCTACTTTCTGTGCCCTTCGGTATTGTTTGAAGACCCCTCCCAAGGAAGAGCA
 AATATGAGAACCCCTCAATAAATCCTCAACTATCAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_009305

Insert Size: 927 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: [BC014823](#), [AAH14823](#)

RefSeq Size: 2363 bp

RefSeq ORF: 927 bp

Locus ID: 20977

UniProt ID: [Q62277](#)

Cytogenetics: X 3.44 cM

Gene Summary: Possibly involved in structural functions as organizing other membrane components or in targeting the vesicles to the plasma membrane (By similarity). Involved in the regulation of short-term and long-term synaptic plasticity.[UniProtKB/Swiss-Prot Function]