

Product datasheet for **MC204616**

Syt4 (NM_009308) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Syt4 (NM_009308) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Syt4
Synonyms:	SytIV
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC058208

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GGAACAGGGCAGGGTGGCACATTGCTGATAGAGAGCGCGGACCTTCTCCAGCCCCTCCCGTCCGGGTG
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AAAAAAAAAAAAAAAAAAAAAAAAAAAA
  
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- Restriction Sites:** RsrII-NotI
- ACCN:** NM_009308
- Insert Size:** 1278 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: [BC058208](#), [AAH58208](#)

RefSeq Size: 3872 bp

RefSeq ORF: 1278 bp

Locus ID: 20983

UniProt ID: [P40749](#)

Cytogenetics: 18 17.75 cM

Gene Summary: The protein encoded by this gene belongs to the synaptotagmin family. Members of this family are multi-domained, integral membrane proteins of synaptic vesicles, and are thought to serve as Ca²⁺ sensors in the process of vesicular trafficking and exocytosis. This gene is primarily expressed in the nervous tissues. [provided by RefSeq, Jul 2008]