

Product datasheet for **MC209489**

Syngn1 (NM_207708) Mouse Untagged Clone

Product data:

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|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | Syngn1 (NM_207708) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Syngn1 |
| Synonyms: | p29; R75468; Syngn1b |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Restriction Sites: | Sgfl-Mlul |
| ACCN: | NM_207708 |
| Insert Size: | 705 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: | <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: | NM_207708.1 , NP_997591.1 |
| RefSeq Size: | 4192 bp |
| RefSeq ORF: | 705 bp |



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Locus ID: 20972

UniProt ID: [O55100](#)

Cytogenetics: 15 E1

Gene Summary: May play a role in regulated exocytosis. Modulates the localization of synaptophysin/SYP into synaptic-like microvesicles and may therefore play a role in synaptic-like microvesicle formation and/or maturation (By similarity). Involved in the regulation of short-term and long-term synaptic plasticity (PubMed:10595519).[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1a) represents the longer transcript and it encodes the longer protein (isoform 1a).