

Product datasheet for **MC217536**

Shisa6 (NM_001034874) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Shisa6 (NM_001034874) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Shisa6
Synonyms:	ckamp52; Gm879
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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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: [NM_001034874.3](#), [NP_001030046.1](#)

RefSeq Size: 7487 bp

RefSeq ORF: 1578 bp

Locus ID: 380702

UniProt ID: [Q3UH99](#)

Cytogenetics: 11 B3

Gene Summary: Involved in maintenance of high-frequency synaptic transmission at hippocampal CA3-CA1 synapses. Regulates AMPA-type glutamate receptor (AMPA) immobilization at postsynaptic density keeping the channels in an activated state in the presence of glutamate and preventing synaptic depression (PubMed:26931375). May play a role in self-renewal and differentiation of spermatogonial stem cells by inhibiting canonical Wnt signaling pathway (PubMed:28196692).[UniProtKB/Swiss-Prot Function]