

## Recombinant Mouse Syn1 Protein, Myc/DDK-tagged

Cat. No. Syn1-6247M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length synapsin I (Syn1), transcript variant a, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	Neuronal phosphoprotein that coats synaptic vesicles, binds to the cytoskeleton, and is believed to function in the regulation of neurotransmitter release. Regulation of neurotransmitter release. The complex formed with NOS1 and CAPON proteins is necessary for specific nitric-oxide functions at a presynaptic level.
<b>Molecular Mass</b>	74.5 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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## GENE INFORMATION

**Gene Name** [Syn1 synapsin I \[ Mus musculus \(house mouse\) \]](#)

**Official Symbol** [Syn1](#)

**Synonyms** [SYN1](#); [synapsin I](#); [synapsin-1](#); [Syn-1](#)

**Gene ID** [20964](#)

**mRNA Refseq** [NM\\_013680](#)

**Protein Refseq** [NP\\_038708](#)

**UniProt ID** [O88935](#)

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