

Recombinant Mouse Dnm2 Protein, Myc/DDK-tagged

Cat. No. Dnm2-2619M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length dynamin 2 (cDNA clone MGC:7779 IMAGE:3499181), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Microtubule-associated force-producing protein involved in producing microtubule bundles and able to bind and hydrolyze GTP. Plays a role in the regulation of neuron morphology, axon growth and formation of neuronal growth cones. Plays an important role in vesicular trafficking processes, in particular endocytosis. Involved in cytokinesis. Regulates maturation of apoptotic cell corpse-containing phagosomes by recruiting PIK3C3 to the phagosome membrane.
Molecular Mass	51.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Dnm2 dynamin 2 [*Mus musculus* (house mouse)]

Official Symbol Dnm2

Synonyms DNM2; dynamin 2; dynamin-2; dynamin UDNM; Dyn2

Gene ID 13430

mRNA Refseq NM_007871

Protein Refseq NP_031897

UniProt ID P39054

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