

Recombinant Mouse Dnm1 Protein, Myc/DDK-tagged

Cat. No. Dnm1-2617M Lot. No. (See product label)

SPECIFICATION

Product Overview Purified recombinant protein of mouse full-length dynamin 1 (cDNA clone MGC:25354 IMAGE:4506865), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells.

Species Mouse

Source HEK293

Description This gene encodes a member of the dynamin subfamily of GTP-binding proteins. The encoded protein is a GTPase which is required for membrane recycling, including vesicle endocytosis in neurons. It may also be involved in cellular fission via association with microtubules and actin filaments. Mutations in this gene have been shown to cause seizures. Alternative splicing results in multiple transcript variants.

Molecular Mass 126.4 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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

GENE INFORMATION

Gene Name Dnm1 dynamin 1 [*Mus musculus* (house mouse)]

Official Symbol Dnm1

Synonyms DNM1; dynamin 1; dynamin-1; Dnm; Ftl; AI838169; mKIAA4093; KIAA4093

Gene ID 13429

mRNA Refseq NM_010065

Protein Refseq NP_034195

UniProt ID P39053

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