

Product datasheet for TP507259

Dnm2 (BC010233) Mouse Recombinant Protein

Product data:

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|---------------------------------------|--|
| Product Type: | Recombinant Proteins |
| Description: | Purified recombinant protein of Mouse dynamin 2 (cDNA clone MGC:7779 IMAGE:3499181), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug |
| Species: | Mouse |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >MR207259 protein sequence Red =Cloning site Green =Tags(s) |

MAFEAIVKKQLVKKLEPSLKCVDLVSELATVIKKCAEKLSSYPRLREETERIVTTYIREREGRTKDQIL
LLIDIEQSYINTNHEDFIGFANAQQRSTQLNKKRAIPNQGEILVIRRGWLTINNISLMKGGKEYWFLVLT
AESLSWYKDEEEKEKKYMLPLDNLKIRDVEKGFMSNKHVFAIFNTEQRNVYKDLRQIELACDSQEDVDSV
KASFLRAGVYPEKDAQAENEDGAQENTFSMDPQLERQVETIRNLVDSYVAIINKSIRDLMPKTIMHLMINN
TKAFIHHELLAYLYSSADQSSLMEESAEQAQRDDMLRMYHALKEALNIIGDISTVSTVPPPPVDDTW
LQNTSGHSPTPQRRPVSSVHPPGRPPAVRGPTPGPLIPMPVGATSSFSAPPISRPQSVFANNDPFS
APPQIPSRPARIPPPIPVGPRRPPPLAPARPF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

| | |
|----------------|--|
| Tag: | C-MYC/DDK |
| Predicted MW: | 51.3 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| Note: | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage: | Store at -80°C after receiving vials. |
| Stability: | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| Locus ID: | 13430 |
| UniProt ID: | <u>P39054</u> |



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RefSeq Size: 1875

Cytogenetics: 9 7.79 cM

RefSeq ORF: 1362

Synonyms: b2b2159Clo; Dyn2; Udnm

Summary: 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 (By similarity). Plays an important role in vesicular trafficking processes, in particular endocytosis. Involved in cytokinesis (PubMed:18923138). Regulates maturation of apoptotic cell corpse-containing phagosomes by recruiting PIK3C3 to the phagosome membrane (PubMed:18425118).[UniProtKB/Swiss-Prot Function]