

Recombinant Mouse Mkn1 Protein, Myc/DDK-tagged

Cat. No. Mkn1-4082M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length muskelin 1, intracellular mediator containing kelch motifs (Mkn1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Component of the CTLH E3 ubiquitin-protein ligase complex that selectively accepts ubiquitin from UBE2H and mediates ubiquitination and subsequent proteasomal degradation of the transcription factor HBP1. Required for internalization of the GABA receptor GABRA1 from the cell membrane via endosomes and subsequent GABRA1 degradation. Acts as a mediator of cell spreading and cytoskeletal responses to the extracellular matrix component THBS1.
Molecular Mass	84.9 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 MklN1 muskelin 1, intracellular mediator containing kelch motifs [Mus musculus (house mouse)]

Official Symbol MklN1

Synonyms MKLN1; muskelin 1, intracellular mediator containing kelch motifs; muskelin; AU015903; BB154892; A130067F06Rik

Gene ID 27418

mRNA Refseq NM_013791

Protein Refseq NP_038819

UniProt ID O89050

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