

Recombinant Mouse Micall1 Protein, Myc/DDK-tagged

Cat. No. Micall1-4066M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length microtubule associated monooxygenase, calponin and LIM domain containing -like 1 (Micall1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Probable lipid-binding protein with higher affinity for phosphatidic acid, a lipid enriched in recycling endosome membranes. On endosome membranes, may act as a downstream effector of Rab proteins recruiting cytosolic proteins to regulate membrane tubulation. May be involved in a late step of receptor-mediated endocytosis regulating for instance endocytosed-EGF receptor trafficking. Alternatively, may regulate slow endocytic recycling of endocytosed proteins back to the plasma membrane. May indirectly play a role in neurite outgrowth.
Molecular Mass	94.1 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.

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Concentration >50 µg/mL as determined by microplate BCA method

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

GENE INFORMATION

Gene Name Micall1 microtubule associated monooxygenase, calponin and LIM domain containing -like 1 [Mus musculus (house mouse)]

Official Symbol [Micall1](#)

Synonyms MICALL1; microtubule associated monooxygenase, calponin and LIM domain containing -like 1; MICAL-like protein 1; molecule interacting with Rab13; 260; D15N2e; MIRab13; AI448246; D15Mit260; EST573322; EST820961; mKIAA1668

Gene ID [27008](#)

mRNA Refseq [NM_177461](#)

Protein Refseq [NP_803412](#)

UniProt ID [Q8BGT6](#)

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