

Recombinant Mouse Rufy4 Protein, Myc/DDK-tagged

Cat. No. Rufy4-5649M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length RUN and FYVE domain containing 4 (Rufy4), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Positively regulates macroautophagy in primary dendritic cells. Increases autophagic flux, probably by stimulating both autophagosome formation and facilitating tethering with lysosomes. Binds to phosphatidylinositol 3-phosphate (PtdIns3P) through its FYVE-type zinc finger.
Molecular Mass	64 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
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Rufy4 RUN and FYVE domain containing 4 [Mus musculus (house mouse)]
Official Symbol	Rufy4
Synonyms	RUFY4; RUN and FYVE domain containing 4; RUN and FYVE domain-containing protein 4; F930048N03Rik
Gene ID	435626
mRNA Refseq	NM_001170641
Protein Refseq	NP_001164112
UniProt ID	Q3TYX8

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