

Recombinant Mouse Rab11fip3 Protein, Myc/DDK-tagged

Cat. No. Rab11fip3-5286M Lot. No. (See product label)

SPECIFICATION

Product Overview Purified recombinant protein of mouse full-length RAB11 family interacting protein 3 (class II) (Rab11fip3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.

Species Mouse

Source HEK293

Description Acts as a regulator of endocytic traffic by participating in membrane delivery. Required for the abscission step in cytokinesis, possibly by acting as an 'address tag' delivering recycling endosome membranes to the cleavage furrow during late cytokinesis. Also required for the structural integrity of the endosomal recycling compartment during interphase. Acts as an adapter protein linking the dynein motor complex to various cargos and converts dynein from a non-processive to a highly processive motor in the presence of dynactin. Facilitates the interaction between dynein and dynactin and activates dynein processivity (the ability to move along a microtubule for a long distance without falling off the track).

Molecular Mass 123.7 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 Rab11fip3 RAB11 family interacting protein 3 (class II) [Mus musculus (house mouse)]

Official Symbol Rab11fip3

Synonyms RAB11FIP3; RAB11 family interacting protein 3 (class II); rab11 family-interacting protein 3; FIP3-Rab11; cytoplasmic adaptor for RAR and TR; Cart1; mKIAA0665; Rab11-FIP3; D030060O14Rik; MGC47508

Gene ID 215445

mRNA Refseq NM_001162869

Protein Refseq NP_001156341

UniProt ID Q8CHD8

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