

Recombinant Mouse Relch Protein, Myc/DDK-tagged

Cat. No. Relch-5458M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length RAB11 binding and LisH domain, coiled-coil and HEAT repeat containing (Relch), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Regulates intracellular cholesterol distribution from recycling endosomes to the trans-Golgi network through interactions with RAB11 and OSBP. Functions in membrane tethering and promotes OSBP-mediated cholesterol transfer between RAB11-bound recycling endosomes and OSBP-bound Golgi-like membranes.
Molecular Mass	134.6 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	Relch RAB11 binding and LisH domain, coiled-coil and HEAT repeat containing [Mus musculus (house mouse)]
Official Symbol	Relch
Synonyms	Relch; RAB11 binding and LisH domain, coiled-coil and HEAT repeat containing; Kiaa1468; mKIAA1468; 6430401N10; 2310035C23Rik; RAB11-binding protein RELCH; RAB11-binding protein containing LisH, coiled-coil, and HEAT repeats
Gene ID	227446
mRNA Refseq	NM_173187
Protein Refseq	NP_775279
UniProt ID	Q148V7

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