

Recombinant Mouse Arl4c Protein, Myc/DDK-tagged

Cat. No. Arl4c-1707M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length ADP-ribosylation factor-like 4C (Arl4c), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Small GTP-binding protein which cycles between an inactive GDP-bound and an active GTP-bound form, and the rate of cycling is regulated by guanine nucleotide exchange factors (GEF) and GTPase-activating proteins (GAP). GTP-binding protein that does not act as an allosteric activator of the cholera toxin catalytic subunit. May be involved in transport between a perinuclear compartment and the plasma membrane, apparently linked to the ABCA1-mediated cholesterol secretion pathway. Recruits CYTH1, CYTH2, CYTH3 and CYTH4 to the plasma membrane in the GDP-bound form. Regulates the microtubule-dependent intracellular vesicular transport from early endosome to recycling endosome process.
Molecular Mass	21.5 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 [Arl4c ADP-ribosylation factor-like 4C \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Arl4c](#)

Synonyms [Arl4c](#); ADP-ribosylation factor-like 4C; A; LAK; [Arl7](#); [A630084M22Rik](#); ADP-ribosylation factor-like protein 4C; ADP-ribosylation factor-like 7

Gene ID [320982](#)

mRNA Refseq [NM_177305](#)

Protein Refseq [NP_796279](#)

UniProt ID [P61208](#)

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