

Recombinant Mouse Arl6ip1 Protein, Myc/DDK-tagged

Cat. No. Arl6ip1-1710M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length ADP-ribosylation factor-like 6 interacting protein 1 (Arl6ip1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Positively regulates SLC1A1/EAAC1-mediated glutamate transport by increasing its affinity for glutamate in a PKC activity-dependent manner. Promotes the catalytic efficiency of SLC1A1/EAAC1 probably by reducing its interaction with ARL6IP5, a negative regulator of SLC1A1/EAAC1-mediated glutamate transport. Plays a role in the formation and stabilization of endoplasmic reticulum tubules. Negatively regulates apoptosis, possibly by modulating the activity of caspase-9 (CASP9). Inhibits cleavage of CASP9-dependent substrates and downstream markers of apoptosis but not CASP9 itself. May be involved in protein transport, membrane trafficking, or cell signaling during hematopoietic maturation.
Molecular Mass	23.4 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.

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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.
GENE INFORMATION	
Gene Name	Arl6ip1 ADP-ribosylation factor-like 6 interacting protein 1 [Mus musculus (house mouse)]
Official Symbol	Arl6ip1
Synonyms	ARL6IP1; ADP-ribosylation factor-like 6 interacting protein 1; ADP-ribosylation factor-like protein 6-interacting protein 1; ARL-6-interacting protein 1; ADP-ribosylation-like factor 6 interacting protein; AIP-6; ARMER; Aip-1; Arl6ip; C85138; AL022945; AU042858; mKIAA0069
Gene ID	54208
mRNA Refseq	NM_019419
Protein Refseq	NP_062292
UniProt ID	Q9JKW0

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