

## Recombinant Mouse Arl6ip1 Protein, Myc/DDK-tagged

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	23.4 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	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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<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	<a href="#">Arl6ip1 ADP-ribosylation factor-like 6 interacting protein 1 [ Mus musculus (house mouse) ]</a>
<b>Official Symbol</b>	<a href="#">Arl6ip1</a>
<b>Synonyms</b>	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
<b>Gene ID</b>	<a href="#">54208</a>
<b>mRNA Refseq</b>	<a href="#">NM_019419</a>
<b>Protein Refseq</b>	<a href="#">NP_062292</a>
<b>UniProt ID</b>	<a href="#">Q9JKW0</a>

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