

Recombinant Mouse Arf6 Protein, MYC/DDK-tagged

Cat. No. Arf6-638M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse ADP-ribosylation factor 6 (Arf6), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	GTP-binding protein involved in protein trafficking that regulates endocytic recycling and cytoskeleton remodeling. Required for normal completion of mitotic cytokinesis. Involved in the regulation of dendritic spine development, contributing to the regulation of dendritic branching and filopodia extension. Plays an important role in membrane trafficking, during junctional remodeling and epithelial polarization. Regulates surface levels of adherens junction proteins such as CDH1. Required for NTRK1 sorting to the recycling pathway from early endosomes.
Molecular Mass	20.1 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

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name [Arf6 ADP-ribosylation factor 6 \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Arf6](#)

Synonyms Arf6; ADP-ribosylation factor 6; AI788669; AW496366; ADP-ribosylation factor 6

Gene ID [11845](#)

mRNA Refseq [NM_007481](#)

Protein Refseq [NP_031507](#)

UniProt ID [P62331](#)

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