

Recombinant Mouse Arl13b Protein, Myc/DDK-tagged

Cat. No. Arl13b-1703M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length ADP-ribosylation factor-like 13B (Arl13b), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Cilium-specific protein required to control the microtubule-based, ciliary axoneme structure. May act by maintaining the association between IFT subcomplexes A and B. Binds GTP but is not able to hydrolyze it; the GTPase activity remains unclear. Required to pattern the neural tube. Involved in cerebral cortex development: required for the initial formation of a polarized radial glial scaffold, the first step in the construction of the cerebral cortex, by regulating ciliary signaling. Regulates the migration and placement of postmitotic interneurons in the developing cerebral cortex.
Molecular Mass	48.1 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 [Arl13b ADP-ribosylation factor-like 13B \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Arl13b](#)

Synonyms ARL13B; ADP-ribosylation factor-like 13B; ADP-ribosylation factor-like protein 13B; ARL2-like protein 1; ADP-ribosylation factor-like 2-like 1; ADP-ribosylation factor-like protein 2-like 1; hnn; Arl2l1; A530097K21Rik; A930014M17Rik; C530009C10Rik

Gene ID [68146](#)

mRNA Refseq [NM_026577](#)

Protein Refseq [NP_080853](#)

UniProt ID [Q640N2](#)

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