

Recombinant Human ARL5A Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ARL5A-3819H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ARL5A MS Standard C13 and N15-labeled recombinant protein (NP_001032251) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene belongs to the ARF family of GTP-binding proteins. With its distinctive nuclear/nucleolar localization and interaction with HP1alpha, the protein is developmentally regulated and may play a role(s) in nuclear dynamics and/or signaling cascades during embryonic development. Alternative splicing results in multiple transcript variants encoding different isoforms. This gene has multiple pseudogenes.
Molecular Mass	20.73 kDa
AA Sequence	MGILFTRIWRLFNHQEHKVIIVGLDNAGKTTILYQFSMNEVVHTSPTIGSNVEEIVINNT RFLMWDIGGQESLRSSWNTYYTNTFEVIVVVDSTDRERISVTREELYKMLAHEDLRK AGLLIFANKQDVKECMTVAEISQFLKLTSIKDHQWHIQACCA LTGEGLCQGLEWMMS RLKIRTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

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conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name ARL5A ADP-ribosylation factor-like 5A [Homo sapiens (human)]

Official Symbol ARL5A

Synonyms ARL5A; ADP-ribosylation factor-like 5A; ADP ribosylation factor like 5, ARL5; ADP-ribosylation factor-like protein 5A; ADP-ribosylation factor-like 5; ADP-ribosylation factor-like protein 5; ARL5; ARFLP5;

Gene ID 26225

mRNA Refseq NM_001037174

Protein Refseq NP_001032251

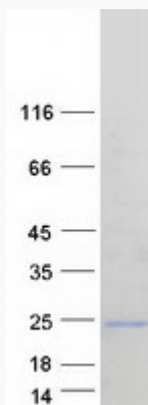
MIM 608960

UniProt ID Q9Y689

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SDS-PAGE

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