

Recombinant Human ARL5A, His-tagged

Cat. No. ARL5A-26181TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human ARL5A with an N terminal His tag; 203 amino acids with tag, Predicted MWt 23.3 kDa.
Species	Human
Source	E.coli
ProteinLength	179 amino acids
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.
Conjugation	HIS
Molecular Weight	23.300kDa inclusive of tags
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: NoneConstituents: 20% Glycerol, 20mM Tris HCl, 2mM DTT, 0.2mM

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	PMSF, pH 8.0
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	MGSSHHHHHSSGLVPRGSHMGSHMGILFTRIWRFLFNHQEHKVIIVGLDNAGKTTIL YQFSMNEVVHTSPTIGSNVEEIVINTRFLMWDIGGQESLRSSWNTYYTNTFEVIVVV DSTDREISVTREELYKMLAHEDLRKAGLLIFANKQDVKECMTVAEISQFLKLTSIKD HQWHIQACCALTGEGLCQGLEWMMMSRLKIR

GENE INFORMATION

Gene Name	ARL5A ADP-ribosylation factor-like 5A [Homo sapiens]
Official Symbol	ARL5A
Synonyms	ARL5A; ADP-ribosylation factor-like 5A; ADP ribosylation factor like 5 , ARL5; ADP-ribosylation factor-like protein 5A;
Gene ID	26225
mRNA Refseq	NM_001037174
Protein Refseq	NP_001032251
MIM	608960
Uniprot ID	Q9Y689
Chromosome Location	2q23.3

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Function	GTP binding; nucleotide binding;
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