

## Product datasheet for **TP315504L**

### **ARL5A (NM\_012097) Human Recombinant Protein**

#### **Product data:**

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ADP-ribosylation factor-like 5A (ARL5A), transcript variant 1, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC215504 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MGILFTRIWRLFNHQEHKVIIVGLDNAGKTTILYQFSMNEVHTSPTIGSNVEEIVINNTRFLMWDIGGQ  
ESLRSSWNTYYTNTFEVIVVDSTDRERISVTREELYKMLAHEDLRKAGLLIFANKQDVKECMTVAEISQ  
FLKLTSIKDHQWHIQACCALTGEGLCQGLEWMMMSRLKIR

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	20.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u><a href="#">NP_036229</a></u>
Locus ID:	26225
UniProt ID:	<u><a href="#">Q9Y689</a></u>



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RefSeq Size: 3169

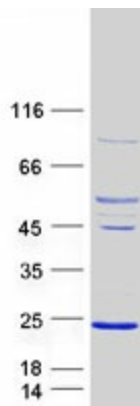
Cytogenetics: 2q23.3

RefSeq ORF: 537

Synonyms: ARFLP5; ARL5

**Summary:** 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. [provided by RefSeq, Jul 2008]

### Product images:



Coomassie blue staining of purified ARL5A protein (Cat# [TP315504]). The protein was produced from HEK293T cells transfected with ARL5A cDNA clone (Cat# [RC215504]) using MegaTran 2.0 (Cat# [TT210002]).