

## Product datasheet for **TP301516L**

### **ARL5A (NM\_001037174) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Homo sapiens ADP-ribosylation factor-like 5A (ARL5A), transcript variant 3, 1 mg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC201516 representing NM_001037174 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MGILFTRIWRLFNHQEHKVIIVGLDNAGKTTILYQFSMNEVHTSPTIGSNVEEIVINNTRFLMWDIGGQ ESLRSSWNTYYTNTFEVIVVDSTDRERISVTREELYKMLAHEDLRKAGLLIFANKQDVKECMTVAEISQ FLKLTSIKDHQWHIQACCALTGEGLCQGLEWMMMSRLKIR  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	16.2 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<u><a href="#">NP_001032251</a></u>
<b>Locus ID:</b>	26225
<b>UniProt ID:</b>	<u><a href="#">Q9Y689</a></u>



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RefSeq Size: 2913

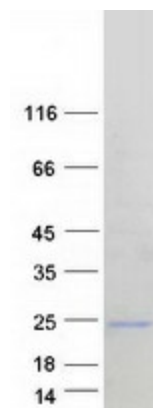
Cytogenetics: 2q23.3

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# [TP301516]). The protein was produced from HEK293T cells transfected with ARL5A cDNA clone (Cat# [RC201516]) using MegaTran 2.0 (Cat# [TT210002]).