

## Product datasheet for PH315504

### ARL5A (NM\_012097) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	ARL5A MS Standard C13 and N15-labeled recombinant protein (NP_036229)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC215504
Predicted MW:	20.7 kDa
Protein Sequence:	>RC215504 protein sequence Red=Cloning site Green=Tags(s)  MGILFTRIWRLFNHQEHKVIIVGLDNAGKTTILYQFSMNEVVHTSPTIGSNVEEIVINNTRFLMWDIGGQ ESLRSSWNTYYTNTFVIVVVDSTDRERISVTREELYKMLAHEDLRKAGLLIFANKQDVKECMTVAEISQ FLKLTSIKDHQWHIQACCALTGEGLCQGLEWMSRLKIR  TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_036229</a>
RefSeq Size:	3169
RefSeq ORF:	537
Synonyms:	ARFLP5; ARL5
Locus ID:	26225
UniProt ID:	<a href="#">Q9Y689</a>

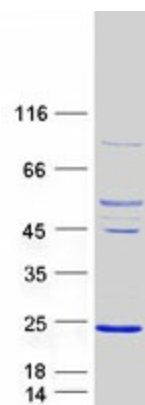


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Cytogenetics: 2q23.3

**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 HP1 alpha, 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]).