

## Product datasheet for **AR09756PU-N**

### ARL5A (1-179, His-tag) Human Protein

#### Product data:

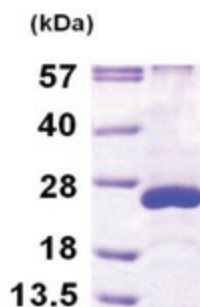
Product Type:	Recombinant Proteins
Description:	ARL5A (1-179, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH</u> <u>MGSHMGILFT</u> RIWRLFNHQE HKVIIVGLDN AGKTTILYQF SMNEVHTSP TIGSNVEEIV INNTRFLMWD IGGQESLRSS WNTYYTNTTEF VIVVDSTDR ERISVTREEL YKMLAHEDLR KAGLLIFANK QDVKECMTVA EISQFLKLT IKDHQWHIQA CCALTGEGLC QGLEWMMMSRL KIR
Tag:	His-tag
Predicted MW:	23.3 kDa
Concentration:	lot specific
Purity:	>90%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 2 mM DTT, 20% glycerol, 0.2 mM PMSF
Preparation:	Liquid purified protein
Protein Description:	Recombinant human ARL5A protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_001032251</u>
Locus ID:	26225
UniProt ID:	<u>Q9Y689</u>
Cytogenetics:	2q23.3
Synonyms:	ARFLP5; ARL5



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**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:**

15% SDS-PAGE (3ug)