

## Product datasheet for **TP302698L**

### ARL 1 (ARL1) (NM\_001177) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ADP-ribosylation factor-like 1 (ARL1), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202698 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	 MGGFFSSIFSSLFGTREMRLILGLDGAGKTTILYRLQVGEVTTIPTIGFNVETVITYKNLKFQVWDLGG QTSIRPYWRCYYSNLDAVIYVVDSCDRDRIGISKSELVAMLEEEELRKAILVVFANKQDMEQAMTSSEMA NSLGLPALKDRKWQIFKTSATKGTGLDEAMEWLVELKSRQ  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	20.2 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:	<a href="#">NP_001168</a>
Locus ID:	400
UniProt ID:	<a href="#">P40616</a>
RefSeq Size:	3253



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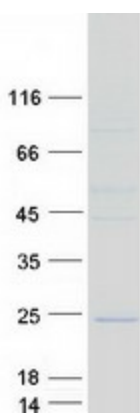
Cytogenetics: 12q23.2

RefSeq ORF: 543

Synonyms: ARFL1

**Summary:** The protein encoded by this gene belongs to the ARL (ADP-ribosylation factor-like) family of proteins, which are structurally related to ADP-ribosylation factors (ARFs). ARFs, described as activators of cholera toxin (CT) ADP-ribosyltransferase activity, regulate intracellular vesicular membrane trafficking, and stimulate a phospholipase D (PLD) isoform. Although, ARL proteins were initially thought not to activate CT or PLD, later work showed that they are weak stimulators of PLD and CT in a phospholipid dependent manner. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2014]

### Product images:



Coomassie blue staining of purified ARL1 protein (Cat# [TP302698]). The protein was produced from HEK293T cells transfected with ARL1 cDNA clone (Cat# [RC202698]) using MegaTran 2.0 (Cat# [TT210002]).