

## Product datasheet for **TP301681L**

### ARMER (ARL6IP1) (NM\_015161) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ADP-ribosylation factor-like 6 interacting protein 1 (ARL6IP1), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201681 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	 MAEGDNRSTNLLAAETASLEEQLQGWGEVMLMADKVLRWERAWFPPAIMGWVSLVFLIIYYLDPSVLSGV SCFVMFLCLADYLVPI LAPRIFGSNKWTTEQQQRFHEICSNLVKTRRRAVGWWKRLFTLKEEKPKMYFMT MIVSLAAVAWVGQQVHNNLLTYLIVTSLLLPGLNQHGIILKYIGMAKREINKLLKQKEKKNE  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	23.2 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_055976</a>
Locus ID:	23204
UniProt ID:	<a href="#">Q15041</a> , <a href="#">A0A024QYV7</a>



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RefSeq Size: 2280

Cytogenetics: 16p12.3

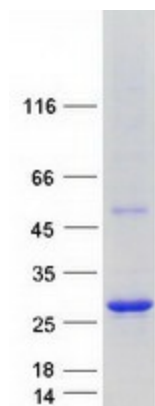
RefSeq ORF: 609

Synonyms: AIP1; ARL6IP; ARMER; SPG61

**Summary:** This gene belongs to the ARL6ip family and encodes a transmembrane protein that is predominantly localized to intracytoplasmic membranes. It is highly expressed in early myeloid progenitor cells and thought to be involved in protein transport, membrane trafficking, or cell signaling during hematopoietic maturation. Mutations in this gene are associated with spastic paraplegia 61 (SPG61). Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Sep 2015]

**Protein Families:** Transmembrane

### Product images:



Coomassie blue staining of purified ARL6IP1 protein (Cat# [TP301681]). The protein was produced from HEK293T cells transfected with ARL6IP1 cDNA clone (Cat# [RC201681]) using MegaTran 2.0 (Cat# [TT210002]).