

## Product datasheet for **TP321949M**

### ARL13B (NM\_182896) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ADP-ribosylation factor-like 13B (ARL13B), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC221949 representing NM_182896
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MFSLMASCCGWFKRWREPVRKVTLMLVGLDNAGKTATAKGIQGEYPEDVAPTGVGFSKINLRQGFVETIF  
DLGGGIRIRGIWKNYYAESYGVIFVVDSSDEERMEETKEAMSEMLRHRISGKPIVLANKQDKEGALGE  
ADVIECLSLEKLVNEHKCLCQIEPCSAISGYGKKIDKSIKGLYLLHVIARDFDALNERIQKETTEQRA  
LEEQEKQERAERVRKLREERKQNEQEQAELDGTSGLAELDPEPTNPFQPIASVIIENEGKLEREKKNQKM  
EKDSDGCHLKHKMEHEQIETQGQVNHNGQKNNFGLVENYKEALTQQLKNEDETDRPSLESANGKKKTKK  
LRMKRNHRVEPLNIDDCAPESPTPPPPPPVVGWGTpkVTRLPKLEPLGETHHNDFYRKPLPPLAVPQRPN  
SDAHDVIS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	48.5 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.



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RefSeq: [NP\\_878899](#)

Locus ID: 200894

UniProt ID: [Q3SXY8](#)

RefSeq Size: 3451

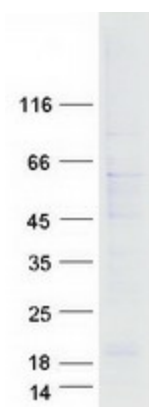
Cytogenetics: 3q11.1-q11.2

RefSeq ORF: 1284

Synonyms: ARL2L1; JBTS8

**Summary:** This gene encodes a member of the ADP-ribosylation factor-like family. The encoded protein is a small GTPase that contains both N-terminal and C-terminal guanine nucleotide-binding motifs. This protein is localized in the cilia and plays a role in cilia formation and in maintenance of cilia. Mutations in this gene are the cause of Joubert syndrome 8. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Mar 2010]

### Product images:



Coomassie blue staining of purified ARL13B protein (Cat# [TP321949]). The protein was produced from HEK293T cells transfected with ARL13B cDNA clone (Cat# [RC221949]) using MegaTran 2.0 (Cat# [TT210002]).