

Product datasheet for PH321949

ARL13B (NM_182896) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ARL13B MS Standard C13 and N15-labeled recombinant protein (NP_878899)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC221949
Predicted MW:	48.5 kDa
Protein Sequence:	>RC221949 representing NM_182896 Red=Cloning site Green=Tags(s)

MFSLMASCCGWFKRWREPVRKVTLLMVGLDNAGKTATAKGIQGEYPEDVAPTGVGFSKINLRQGFVETIF
DLGGGIRIRGIWKNYYAESYGVIFVVDSSDEERMEETKEAMSEMLRHPRISGKPIILVLANKQDKEGALGE
ADVIECLSLEKLVNEHKCLCQIEPCSAISGYGKKIDKSIKKGWLLHVIARDFDALNERIQKETTEQRA
LEEQEKQERAERVRLREERKQNEQEAELDGTSGLAELDPEPTNPFQPIASVIEENEGKLEREKKNQKM
EKDSGDGCHLKHKMEHQIETQGGVNHNGQKNNEFGLVENYKEAL TQQLKNEDETDRPSLESANGKKTKK
LRMKRNHRVEPLNIDDCAPESPTPPPPPPVWGTPKVTLPKLEPLGETHHNDFYRKPLPPLAVPQRPN
SDAHDVIS

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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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:	<u>NP_878899</u>
RefSeq Size:	3451
RefSeq ORF:	1284
Synonyms:	ARL2L1; JBTS8



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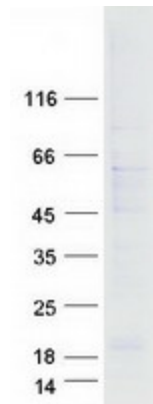
Locus ID: 200894

UniProt ID: [Q3SXY8](#)

Cytogenetics: 3q11.1-q11.2

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]).