

Product datasheet for PH310490

OriGene Technologies, Inc.

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ARL13B (NM 144996) Human Mass Spec Standard

Product data:

Product Type: Mass Spec Standards

Description: ARL13B MS Standard C13 and N15-labeled recombinant protein (NP_659433)

Species: Human **HEK293 Expression Host:**

Expression cDNA Clone

or AA Sequence:

RC210490

Predicted MW: 36.8 kDa

>RC210490 protein sequence **Protein Sequence:**

Red=Cloning site Green=Tags(s)

MFSLMASCCGWFKRWREPVRLANKODKEGALGEADVIECLSLEKLVNEHKCLCQIEPCSAISGYGKKIDK SIKKGLYWLLHVIARDFDALNERIOKETTEQRALEEQEKQERAERVRKLREERKQNEQEQAELDGTSGLA ELDPEPTNPFQPIASVIIENEGKLEREKKNQKMEKDSDGCHLKHKMEHEQIETQGQVNHNGQKNNEFGLV ENYKEALTQQLKNEDETDRPSLESANGKKKTKKLRMKRNHRVEPLNIDDCAPESPTPPPPPPVGWGTPK

VTRLPKLEPLGETHHNDFYRKPLPPLAVPQRPNSDAHDVIS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

C-Myc/DDK Tag:

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-13C6, 15N4]-L-Arginine and [U-13C6, 15N2]-L-Lysine

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3

Store at -80°C. Avoid repeated freeze-thaw cycles. Storage:

Stability: Stable for 3 months from receipt of products under proper storage and handling conditions.

NP 659433 RefSeq:

RefSeq Size: 3670 RefSeq ORF: 963

Synonyms: ARL2L1; JBTS8

Locus ID: 200894



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UniProt ID: Q3SXY8

Cytogenetics: 3q11.1-q11.2

Summary: This gene encodes a member of the ADP-ribosylation factor-like family. The encoded protein

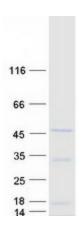
is a small GTPase that contains both N-terminal and C-terminal guanine nucleotide-binding

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# [TP310490]). The protein was produced from HEK293T cells transfected with ARL13B cDNA clone (Cat# [RC210490]) using

MegaTran 2.0 (Cat# [TT210002]).