Recombinant Human ARL13B Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ARL13B-2385H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ARL13B MS Standard C13 and N15-labeled recombinant protein (NP_878899) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	48.5 kDa
AA Sequence	MFSLMASCCGWFKRWREPVRKVTLLMVGLDNAGKTATAKGIQGEYPEDVAPTVGF SKINLRQGKFEVTIFDLGGGIRIRGIWKNYYAESYGVIFVVDSSDEERMEETKEAMSE MLRHPRISGKPILVLANKQDKEGALGEADVIECLSLEKLVNEHKCLCQIEPCSAISGY GKKIDKSIKKGLYWLLHVIARDFDALNERIQKETTEQRALEEQEKQERAERVRKLREE RKQNEQEQAELDGTSGLAELDPEPTNPFQPIASVIIENEGKLEREKKNQKMEKDSDG CHLKHKMEHEQIETQGQVNHNGQKNNEFGLVENYKEALTQQLKNEDETDRPSLES ANGKKKTKKLRMKRNHRVEPLNIDDCAPESPTPPPPPPPVGWGTPKVTRLPKLEPL GETHHNDFYRKPLPPLAVPQRPNSDAHDVISTRTRPLEQKLISEEDLAANDILDYKDD

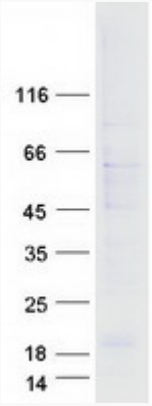
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	DDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	ARL13B ADP-ribosylation factor-like 13B [Homo sapiens (human)]
Official Symbol	ARL13B
Synonyms	ARL13B; ADP-ribosylation factor-like 13B; ADP ribosylation factor like 2 like 1, ARL2L1; ADP-ribosylation factor-like protein 13B; DKFZp761H079; JBTS8; ARL2-like protein 1; ADP-ribosylation factor-like 2-like 1; ARL2L1; MGC120611; MGC120612; DKFZp686E2075; DKFZp686L2472; DKFZp686M2074;
Gene ID	200894
mRNA Refseq	NM_182896
Protein Refseq	NP_878899
MIM	608922

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UniProt ID	Q3SXY8
SDS-PAGE	

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