

Product datasheet for PH309368

ARL8B (NM_018184) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ARL8B MS Standard C13 and N15-labeled recombinant protein (NP_060654)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209368
Predicted MW:	21.5 kDa
Protein Sequence:	>RC209368 protein sequence Red=Cloning site Green=Tags(s) MLALISRLLDWFRSLFWKEEMELTLVGLQYSGKTTFVNVIASGQFSEDMIPTVGFNMRKVTKGNVTIKIW DIGGQPRFRSMWERYCRGVNAIVYMIDAADREKIEASRNELHNLLDKPQLQGIPVLVLGNKRDLPNALDE KQLIEKMNLSAIQDREICCYSISCKEKDNIDITLQWLIQHKSRRRS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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:	NP_060654
RefSeq Size:	3008
RefSeq ORF:	558
Synonyms:	ARL10C; Gie1
Locus ID:	55207
UniProt ID:	Q9NVJ2

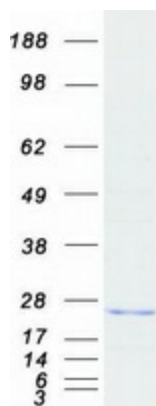


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Cytogenetics: 3p26.1

Summary: Plays a role in lysosome motility (PubMed:16537643, PubMed:25898167). In neurons, mediates the anterograde axonal long-range transport of presynaptic lysosome-related vesicles required for presynaptic biogenesis and synaptic function (By similarity). May play a role in chromosome segregation (PubMed:15331635).[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified ARL8B protein (Cat# [TP309368]). The protein was produced from HEK293T cells transfected with ARL8B cDNA clone (Cat# [RC209368]) using MegaTran 2.0 (Cat# [TT210002]).