

Product datasheet for PH304596

ARL8A (NM_138795) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ARL8A MS Standard C13 and N15-labeled recombinant protein (NP_620150)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204596
Predicted MW:	21.4 kDa
Protein Sequence:	>RC204596 protein sequence Red=Cloning site Green=Tags(s) MIALFNKLLDWFKALFWKEEMELTLVGLQYSGKTTFVNVIASGQFNEDMIPTVGFNMRKITKGNVTIKLW DIGGQPRFRSMWERYCRGVSAIVYMVDAADQEKIEASKNELHNLLDKPQLQGIPVLVLGNKRDLPALDE KELIEKMNLSAIQDREICCYSISCCKEKNIDITLQWLIQHKSRRRS 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- 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_620150
RefSeq Size:	1815
RefSeq ORF:	558
Synonyms:	ARL10B; GIE2
Locus ID:	127829
UniProt ID:	Q96BM9 , A0A024R977

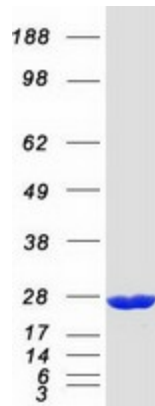


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Cytogenetics: 1q32.1

Summary: Plays a role in lysosome motility (By similarity). 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 (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified ARL8A protein (Cat# [TP304596]). The protein was produced from HEK293T cells transfected with ARL8A cDNA clone (Cat# [RC204596]) using MegaTran 2.0 (Cat# [TT210002]).