Recombinant Human ARL8A Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ARL8A-1948H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ARL8A MS Standard C13 and N15-labeled recombinant protein (NP_620150) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Plays a role in lysosome motility. In neurons, mediates the anterograde axonal long-range transport of presynaptic lysosome-related vesicles required for presynaptic biogenesis and synaptic function. May play a role in chromosome segregation.
Molecular Mass	21.4 kDa
AA Sequence	MIALFNKLLDWFKALFWKEEMELTLVGLQYSGKTTFVNVIASGQFNEDMIPTVGFNM RKITKGNVTIKLWDIGGQPRFRSMWERYCRGVSAIVYMVDAADQEKIEASKNELHNL LDKPQLQGIPVLVLGNKRDLPGALDEKELIEKMNLSAIQDREICCYSISCKEKDNIDITL QWLIQHSKSRRSTRTRPLEQKLISEEDLAANDILDYKDDDDKV
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.

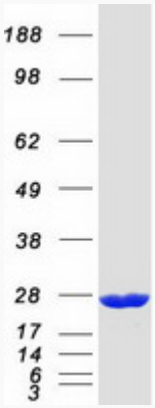
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	ARL8A ADP-ribosylation factor-like 8A [Homo sapiens (human)]
Official Symbol	ARL8A
Synonyms	ARL8A; ADP-ribosylation factor-like 8A; ADP ribosylation factor like 10B, ARL10B; ADP-ribosylation factor-like protein 8A; FLJ45195; Gie2; ADP-ribosylation factor-like 10B; novel small G protein indispensable for equal chromosome segregation 2; GIE2; ARL10B;
Gene ID	127829
mRNA Refseq	NM_138795
Protein Refseq	NP_620150
MIM	616597
UniProt ID	Q96BM9

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SDS-PAGE	

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