

Recombinant Human ARL8A 293 Cell Lysate

Cat. No. ARL8A-8705HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for ADP-ribosylation factor-like 8A (ARL8A) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name	ARL8A ADP-ribosylation factor-like 8A [Homo sapiens]
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_001256129
Protein Refseq	NP_001243058
UniProt ID	Q96BM9
Chromosome Location	1q32.1
Function	GTP binding; GTPase activity; alpha-tubulin binding; beta-tubulin binding; nucleotide binding;

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