

Recombinant Human ARIH1 293 Cell Lysate

Cat. No. ARIH1-8726HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for ariadne homolog, ubiquitin-conjugating enzyme E2 binding protein, 1 (Drosophila) (ARIH1) 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

ARIH1 ariadne homolog, ubiquitin-conjugating enzyme E2 binding protein, 1 (Drosophila) [Homo sapiens]

Official Symbol

ARIH1

Synonyms

ARIH1; ariadne homolog, ubiquitin-conjugating enzyme E2 binding protein, 1 (Drosophila); ariadne (Drosophila) homolog, ubiquitin conjugating enzyme E2 binding protein, 1; E3 ubiquitin-protein ligase ARIH1; ARI; ariadne; Drosophila; homolog of; HARI; HHARI; UBCH7BP; ARI-1; MOP-6; H7-AP2; monocyte protein 6; ubcH7-binding protein; protein ariadne-1 homolog; ubcM4-interacting protein; ariadne, Drosophila, homolog of; ubiquitin-conjugating enzyme E2-binding protein 1; FLJ20329; FLJ93118; DKFZp686O13120;

Gene ID

25820

mRNA Refseq

NM_005744

Protein Refseq

NP_005735

MIM

605624

UniProt ID

Q9Y4X5

Chromosome Location

15q24

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Pathway	Antiviral mechanism by IFN-stimulated genes, organism-specific biosystem; Cytokine Signaling in Immune system, organism-specific biosystem; ISG15 antiviral mechanism, organism-specific biosystem; Immune System, organism-specific biosystem; Interferon Signaling, organism-specific biosystem;
Function	ligase activity; metal ion binding; protein binding; small conjugating protein ligase activity; ubiquitin protein ligase binding; ubiquitin-protein ligase activity; zinc ion binding;

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