Recombinant Human ARFGAP1 293 Cell Lysate

Cat. No. ARFGAP1-8755HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	HEK293
Description	Antigen standard for ADP-ribosylation factor GTPase activating protein 1 (ARFGAP1), transcript variant 1 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	ARFGAP1 ADP-ribosylation factor GTPase activating protein 1 [Homo sapiens]
Official Symbol	ARFGAP1
Synonyms	ARFGAP1; ADP-ribosylation factor GTPase activating protein 1; ADP ribosylation factor 1 GTPase activating protein , ARF1GAP; ADP-ribosylation factor GTPase-activating protein 1; bA261N11.3; FLJ10767; ARF1 GAP; ARF GAP 1; GAP protein; ARF1-directed GTPase-activating protein; ADP-ribosylation factor 1 GTPase activating protein; ADP-ribosylation factor 1 GTPase-activating protein; ARF1GAP; HRIHFB2281; MGC39924;
Gene ID	55738
mRNA Refseq	NM_018209
Protein Refseq	NP_060679
MIM	608377
UniProt ID	Q8N6T3
Chromosome Location	20q13.33
Pathway	Activation of Chaperone Genes by XBP1(S), organism-specific biosystem; Activation

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	of Chaperones by IRE1alpha, organism-specific biosystem; Arf1 pathway, organism-specific biosystem; COPI Mediated Transport, organism-specific biosystem; Diabetes pathways, organism-specific biosystem; Disease, organism-specific biosystem; Endocytosis, organism-specific biosystem;
Function	ARF GTPase activator activity; metal ion binding; zinc ion binding;

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