

Recombinant Human ASAP2 293 Cell Lysate

Cat. No. ASAP2-8667HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for ArfGAP with SH3 domain, ankyrin repeat and PH domain 2 (ASAP2), 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 [ASAP2 ArfGAP with SH3 domain, ankyrin repeat and PH domain 2 \[Homo sapiens \]](#)

Official Symbol ASAP2

Synonyms

ASAP2; ArfGAP with SH3 domain, ankyrin repeat and PH domain 2; DDEF2, development and differentiation enhancing factor 2; arf-GAP with SH3 domain, ANK repeat and PH domain-containing protein 2; centaurin; beta 3; CENTB3; KIAA0400; PAP; SHAG1; centaurin, beta 3; PYK2 C terminus-associated protein; pyk2 C-terminus-associated protein; development and differentiation enhancing factor 2; development and differentiation-enhancing factor 2; paxillin-associated protein with ARF GAP activity 3; PAG3; AMAP2; DDEF2; Pap-alpha; FLJ42910;

Gene ID [8853](#)

mRNA Refseq [NM_001135191](#)

Protein Refseq [NP_001128663](#)

MIM [603817](#)

UniProt ID [O43150](#)

Chromosome Location 2p24

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Pathway	Arf6 trafficking events, organism-specific biosystem; Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem; Fc gamma R-mediated phagocytosis, organism-specific biosystem; Fc gamma R-mediated phagocytosis, conserved biosystem;
Function	ARF GTPase activator activity; enzyme activator activity; metal ion binding; protein binding; zinc ion binding;

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