

Recombinant Human BAIAP2 293 Cell Lysate

Cat. No. BAIAP2-8521HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for BAI1-associated protein 2 (BAIAP2), transcript variant 3 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

BAIAP2 BAI1-associated protein 2 [Homo sapiens]

Official Symbol

BAIAP2

Synonyms

BAIAP2; BAI1-associated protein 2; brain-specific angiogenesis inhibitor 1-associated protein 2; BAP2; IRS-58; IRSp53/58; fas ligand-associated factor 3; insulin receptor substrate p53/p58; insulin receptor substrate protein of 53 kDa; FLAF3; IRSP53;

Gene ID

10458

mRNA Refseq

NM_001144888

Protein Refseq

NP_006331

MIM

605475

UniProt ID

Q9UQB8

**Chromosome
Location**

17q25

Pathway

Adherens junction, organism-specific biosystem; Adherens junction, conserved biosystem; CDC42 signaling events, organism-specific biosystem; ErbB1 downstream signaling, organism-specific biosystem; RAC1 signaling pathway, organism-specific biosystem; Regulation of Actin Cytoskeleton, organism-specific biosystem; Regulation

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of actin cytoskeleton, organism-specific biosystem;

Function

SH3 domain binding; cytoskeletal adaptor activity; proline-rich region binding; protein C-terminus binding; protein binding;

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