

Recombinant Human PAIP1 293 Cell Lysate

Cat. No. PAIP1-3460HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for poly(A) binding protein interacting protein 1 (PAIP1), 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

PAIP1 poly(A) binding protein interacting protein 1 [Homo sapiens]

Official Symbol

PAIP1

Synonyms

PAIP1; poly(A) binding protein interacting protein 1; polyadenylate-binding protein-interacting protein 1; PAIP-1; PABP-interacting protein 1; PABC1-interacting protein 1; poly(A)-binding protein-interacting protein 1; polyadenylate binding protein-interacting protein 1; MGC12360;

Gene ID

10605

mRNA Refseq

NM_006451

Protein Refseq

NP_006442

MIM

605184

UniProt ID

Q9H074

Chromosome Location

5p12

Pathway

Deadenylation of mRNA, organism-specific biosystem; Deadenylation-dependent mRNA decay, organism-specific biosystem; Gene Expression, organism-specific biosystem; RNA transport, organism-specific biosystem; RNA transport, conserved

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biosystem; Translation Factors, organism-specific biosystem;

Function

RNA binding; protein binding; translation activator activity;

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