

Recombinant Human ACTL6A 293 Cell Lysate

Cat. No. ACTL6A-9062HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for actin-like 6A (ACTL6A), transcript variant 2 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 [ACTL6A actin-like 6A \[Homo sapiens \]](#)

Official Symbol ACTL6A

Synonyms

ACTL6A; actin-like 6A; actin-like protein 6A; actin related protein 4; Actl6; Arp4; BAF complex 53 kDa subunit; BAF53A; Baf53a; BRG1 associated factor; INO80 complex subunit K; INO80K; BAF53; arpNbeta; hArpN beta; actin-related protein 4; BRG1-associated factor 53A; actin-related protein Baf53a; 53 kDa BRG1-associated factor A; ACTL6; ARPN-BETA;

Gene ID [86](#)

mRNA Refseq [NM_177989](#)

Protein Refseq [NP_817126](#)

MIM [604958](#)

UniProt ID [O96019](#)

Chromosome Location 3q26.33

Pathway

C-MYC pathway, organism-specific biosystem; TNF-alpha/NF-kB Signaling Pathway, organism-specific biosystem; Validated targets of C-MYC transcriptional activation,

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organism-specific biosystem;

Function

ATP binding; chromatin binding; protein binding; transcription coactivator activity;

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