

Recombinant Human ACTL6A 293 Cell Lysate

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

SPECIFICATION

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.
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

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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, organism-specific biosystem;

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Function

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

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