

Recombinant Human KLF6 293 Cell Lysate

Cat. No. KLF6-4926HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for Kruppel-like factor 6 (KLF6), transcript variant A 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 [KLF6 Kruppel-like factor 6 \[Homo sapiens \]](#)

Official Symbol KLF6

Synonyms KLF6; Kruppel-like factor 6; BCD1, COPEB, core promoter element binding protein , ST12; Krueppel-like factor 6; CPBP; GBF; GC rich binding factor; PAC1; Zf9; proto-oncogene BCD1; GC-rich binding factor; B-cell-derived protein 1; transcription factor Zf9; protooncogene B-cell derived 1; GC-rich sites-binding factor GBF; Kruppel-like zinc finger protein Zf9; core promoter element binding protein; core promoter element-binding protein; suppressor of tumorigenicity 12 protein; suppression of tumorigenicity 12 (prostate); ZF9; BCD1; CBA1; ST12; COPEB; DKFZp686N0199;

Gene ID [1316](#)

mRNA Refseq [NM_001160124](#)

Protein Refseq [NP_001153596](#)

MIM [602053](#)

UniProt ID [Q99612](#)

Chromosome Location 10p15

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Pathway	Adipogenesis, organism-specific biosystem;
Function	DNA binding; double-stranded DNA binding; metal ion binding; sequence-specific DNA binding transcription factor activity; zinc ion binding;