

Recombinant Human KLF9 293 Cell Lysate

Cat. No. KLF9-4924HCL Lot. No. (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for Kruppel-like factor 9 (KLF9) 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 mixture at room temperature for 30 min). Load 5 ug lysate per lane.

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GENE INFORMATION

Gene Name	KLF9 Kruppel-like factor 9 [Homo sapiens]
Official Symbol	KLF9
Synonyms	KLF9; Kruppel-like factor 9; basic transcription element binding protein 1 , BTEB1; Krueppel-like factor 9; BTE-binding protein 1; GC-box-binding protein 1; transcription factor BTEB1; basic transcription element binding protein 1; basic transcription element-binding protein 1; BTEB; BTEB1;
Gene ID	687
mRNA Refseq	NM_001206
Protein Refseq	NP_001197
MIM	602902
UniProt ID	Q13886
Chromosome Location	9q21.11
Pathway	Diurnally regulated genes with circadian orthologs, organism-specific biosystem;
Function	DNA binding; metal ion binding; sequence-specific DNA binding transcription factor activity; zinc ion binding;

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