

Recombinant Human KLF13 293 Cell Lysate

Cat. No. KLF13-4931HCL Lot. No. (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for Kruppel-like factor 13 (KLF13) 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

 Tel: 1-631-559-9269 1-516-512-3133

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mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name [KLF13 Kruppel-like factor 13 \[Homo sapiens \]](#)

Official Symbol [KLF13](#)

Synonyms [KLF13](#); [Kruppel-like factor 13](#); [Krueppel-like factor 13](#); [BTEB3](#); [FKLF 2](#); [NSLP1](#); [RFLAT 1](#); [BTE-binding protein 3](#); [transcription factor BTEB3](#); [transcription factor NSLP1](#); [Sp1 like zinc finger transcription factor](#); [basic transcription element binding protein 3](#); [basic transcription element-binding protein 3](#); [RANTES factor of late activated T lymphocytes-1](#); [RANTES factor of late activated T-lymphocytes 1](#); [novel Sp1-like zinc finger transcription factor 1](#); [FKLF2](#); [RFLAT1](#); [RFLAT-1](#);

Gene ID [51621](#)

mRNA Refseq [NM_015995](#)

Protein Refseq [NP_057079](#)

MIM [605328](#)

UniProt ID [Q9Y2Y9](#)

Chromosome Location [15q13.3](#)

Function [DNA binding](#); [metal ion binding](#); [protein binding](#); [zinc ion binding](#);

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