Recombinant Human ELK3 293 Cell Lysate

Cat. No. ELK3-6629HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	HEK293
Description	Antigen standard for ELK3, ETS-domain protein (SRF accessory protein 2) (ELK3) 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.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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	ELK3 ELK3, ETS-domain protein (SRF accessory protein 2) [Homo sapiens]
Official Symbol	ELK3
Synonyms	ELK3; ELK3, ETS-domain protein (SRF accessory protein 2); ETS domain-containing protein Elk-3; ERP; NET; SAP2; SAP-2; ETS-domain protein; ETS-related protein ERP; ETS-related protein NET; SRF accessory protein 2; serum response factor accessory protein 2;
Gene ID	2004
mRNA Refseq	NM_005230
Protein Refseq	NP_005221
MIM	600247
UniProt ID	P41970
Chromosome Location	12q23
Pathway	Id Signaling Pathway, organism-specific biosystem;
Function	protein binding; purine-rich negative regulatory element binding; sequence-specific

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	DNA binding transcription factor activity; transcription corepressor activity;

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