Recombinant Human FOSL1 293 Cell Lysate

Cat. No. FOSL1-6166HCL **Lot. No.** (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for FOS-like antigen 1 (FOSL1) 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	FOSL1 FOS-like antigen 1 [Homo sapiens]
Official Symbol	FOSL1
Synonyms	FOSL1; FOS-like antigen 1; fos-related antigen 1; fra 1; FOS-like antigen-1; FRA; FRA1; fra-1;
Gene ID	8061
mRNA Refseq	NM_005438
Protein Refseq	NP_005429
MIM	136515
UniProt ID	P15407
Chromosome Location	11q13
Pathway	Calcineurin-regulated NFAT-dependent transcription in lymphocytes, organism-specific biosystem; Calcium signaling in the CD4+ TCR pathway, organism-specific biosystem; DNA damage response (only ATM dependent), organism-specific biosystem; Downstream signaling in naive CD8+ T cells, organism-specific biosystem; HTLV-I infection, organism-specific biosystem; HTLV-I infection, conserved biosystem; Osteoclast differentiation, organism-specific biosystem;
Function	protein binding; protein dimerization activity; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;

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