

Recombinant Human FOSB 293 Cell Lysate

Cat. No. FOSB-6167HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for FBJ murine osteosarcoma viral oncogene homolog B (FOSB), transcript variant 1 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

FOSB FBJ murine osteosarcoma viral oncogene homolog B [Homo sapiens]

Official Symbol

FOSB

Synonyms

FOSB; FBJ murine osteosarcoma viral oncogene homolog B; protein fosB; activator protein 1; AP 1; DKFZp686C0818; GOS3; GOSB; G0S3; MGC42291; oncogene FOS B; G0/G1 switch regulatory protein 3; AP-1;

Gene ID

2354

mRNA Refseq

NM_001114171

Protein Refseq

NP_001107643

MIM

164772

UniProt ID

P53539

**Chromosome
Location**

19q13.3

Pathway

Amphetamine addiction, organism-specific biosystem; Amphetamine addiction, conserved biosystem; Cocaine addiction, organism-specific biosystem; Cocaine addiction, conserved biosystem; Osteoclast differentiation, organism-specific biosystem; Osteoclast differentiation, conserved biosystem; TGF-beta Receptor

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Signaling Pathway, organism-specific biosystem;

Function

DNA binding; protein dimerization activity; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; transcription factor binding;

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