

Recombinant Human FAU 293 Cell Lysate

Cat. No. FAU-6320HCL Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for Finkel-Biskis-Reilly murine sarcoma virus (FBR-MuSV) ubiquitously expressed (FAU) 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

FAU Finkel-Biskis-Reilly murine sarcoma virus (FBR-MuSV) ubiquitously expressed [Homo sapiens]

Official Symbol

FAU

Synonyms

FAU; Finkel-Biskis-Reilly murine sarcoma virus (FBR-MuSV) ubiquitously expressed; Finkel Biskis Reilly murine sarcoma virus (FBR MuSV) ubiquitously expressed (fox derived); ubiquitin-like protein fubi and ribosomal protein S30; asr1; FLJ22986; Fub1; Fubi; MNSFbeta; Monoclonal nonspecific suppressor factor beta; ribosomal protein S30; RPS30; S30; 40S ribosomal protein S30; ubiquitin-like-S30 fusion protein; FAU-encoded ubiquitin-like protein; FBR-MuSV-associated ubiquitously expressed; monoclonal nonspecific suppressor factor beta; Finkel-Biskis-Reilly murine sarcoma virus (FBR-MuSV) ubiquitously expressed (fox derived); FAU1;

Gene ID

2197

mRNA Refseq

NM_001997

Protein Refseq

NP_001988

MIM

134690

UniProt ID

P35544

Chromosome

11q13

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Location	
Pathway	Activation of the mRNA upon binding of the cap-binding complex and eIFs, and subsequent binding to 43S, organism-specific biosystem; Cap-dependent Translation Initiation, organism-specific biosystem; Cytoplasmic Ribosomal Proteins, organism-specific biosystem; Disease, organism-specific biosystem; Eukaryotic Translation Elongation, organism-specific biosystem; Eukaryotic Translation Initiation, organism-specific biosystem; Eukaryotic Translation Termination, organism-specific biosystem;
Function	RNA binding; molecular_function; structural constituent of ribosome;

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