Recombinant Human EBF1 293 Cell Lysate

Cat. No. EBF1-6736HCL **Lot. No.** (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for early B-cell factor 1 (EBF1) 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.

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

GENE INFORMATION

Gene Name	EBF1 early B-cell factor 1 [Homo sapiens]
Official Symbol	EBF1
Synonyms	EBF1; early B-cell factor 1; early B cell factor , EBF; transcription factor COE1; OLF1; OE-1; olfactory neuronal transcription factor 1; Collier, Olf and EBF transcription factor 1; EBF; COE1; O/E-1; FLJ39389; FLJ41763;
Gene ID	1879
mRNA Refseq	NM_024007
Protein Refseq	NP_076870
MIM	164343
UniProt ID	Q9UH73
Chromosome Location	5q34
Pathway	Adipogenesis, organism-specific biosystem; Developmental Biology, organism-specific biosystem; Transcriptional Regulation of White Adipocyte Differentiation, organism-specific biosystem;
Function	C2H2 zinc finger domain binding; DNA binding; metal ion binding; sequence-specific DNA binding transcription factor activity;

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