

Recombinant Human CREB3L2 293 Cell Lysate

Cat. No. CREB3L2-7288HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for cAMP responsive element binding protein 3-like 2 (CREB3L2) 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

CREB3L2 cAMP responsive element binding protein 3-like 2 [Homo sapiens]

Official Symbol

CREB3L2

Synonyms

CREB3L2; cAMP responsive element binding protein 3-like 2; cyclic AMP-responsive element-binding protein 3-like protein 2; BBF2H7; TCAG_1951439; FUS/BBF2H7 protein; B-ZIB transcription factor; basic transcription factor 2; BBF2 human homolog on chromosome 7; cAMP-responsive element-binding protein 3-like protein 2; MGC71006; MGC131709;

Gene ID

64764

mRNA Refseq

NM_001253775

Protein Refseq

NP_001240704

MIM

608834

UniProt ID

Q70SY1

Chromosome Location

7q34

Pathway

Amphetamine addiction, organism-specific biosystem; Amphetamine addiction, conserved biosystem; Cholinergic synapse, organism-specific biosystem; Cocaine

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addiction, organism-specific biosystem; Cocaine addiction, conserved biosystem; Dopaminergic synapse, organism-specific biosystem; Dopaminergic synapse, conserved biosystem;

Function

cAMP response element binding; protein dimerization activity; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; transcription regulatory region DNA binding;

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