

Recombinant Human CREM 293 Cell Lysate

Cat. No. CREM-7284HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for cAMP responsive element modulator (CREM), transcript variant 15 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

CREM cAMP responsive element modulator [Homo sapiens]

Official Symbol

CREM

Synonyms

CREM; cAMP responsive element modulator; cAMP-responsive element modulator; hCREM 2; CREM 2beta-a protein; CREM 2alpha-b protein; cAMP response element modulator; inducible cAMP early repressor ICER; ICER; CREM-2; hCREM-2; MGC17881; MGC41893; MGC111110;

Gene ID

1390

mRNA Refseq

NM_182771

Protein Refseq

NP_877572

MIM

123812

UniProt ID

Q03060

Chromosome Location

10p12.1-p11.1

Function

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

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