

Recombinant Human CREM Protein, His-tagged

Cat. No. CREM-3330H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CREM protein, fused to His-tagged at N-terminus, was expressed in E. coli.
Species	Human
Source	E.coli
Description	This gene encodes a bZIP transcription factor that binds to the cAMP responsive element found in many viral and cellular promoters. It is an important component of cAMP-mediated signal transduction during the spermatogenetic cycle, as well as other complex processes. Alternative promoter and translation initiation site usage allows this gene to exert spatial and temporal specificity to cAMP responsiveness. Multiple alternatively spliced transcript variants encoding several different isoforms have been found for this gene, with some of them functioning as activators and some as repressors of transcription.
Form	25 mM Tris, pH 8.0, 150 mM NaCl, 10% glycerol, 1% Sarkosyl. Store at -80 Centigrade. Avoid repeated freeze-thaw cycles. Stable for at least 3 months from receipt of products under proper storage and handling conditions.
Molecular Mass	29.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name	CREM cAMP responsive element modulator [Homo sapiens]
Official Symbol	CREM
Synonyms	CREM-2; hCREM-2; ICER
Gene ID	1390
mRNA Refseq	NM_001881
Protein Refseq	NP_001872
MIM	123812
UniProt ID	Q03060

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