

## Recombinant Human CREM Protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CREM protein, fused to His-tagged at N-terminus, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	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 spermatogenic 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.
<b>Form</b>	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.
<b>Molecular Mass</b>	29.5 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>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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