

# Product datasheet for TP761736

## CREM (NM\_182720) Human Recombinant Protein

## **Product data:**

#### **Product Type: Recombinant Proteins Description:** Purified recombinant protein of Human cAMP responsive element modulator (CREM), transcript variant 7, full length, with N-terminal His tag, expressed in E. coli, 50ug Species: Human **Expression Host:** E. coli **Expression cDNA Clone** A DNA sequence encoding human full-length CREM or AA Sequence: N-His Tag: Predicted MW: 11.9 kDa **Concentration:** >0.05 µg/µL as determined by microplate BCA method **Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining **Buffer:** 50 mM Tris-HCl, pH 8.0, 8 M urea Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. Store at -80°C. Storage: Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. **RefSeq:** NP 874389 Locus ID: 1390 **UniProt ID:** Q03060 **RefSeq Size:** 1955 Cytogenetics: 10p11.21 **RefSeq ORF:** 324 Synonyms: CREM-2; hCREM-2; ICER



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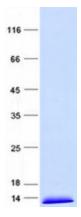
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Summary:This gene encodes a bZIP transcription factor that binds to the cAMP responsive element<br/>found in many viral and cellular promoters. It is an important component of cAMP-mediated<br/>signal transduction during the spermatogenetic cycle, as well as other complex processes.<br/>Alternative promoter and translation initiation site usage allows this gene to exert spatial and<br/>temporal specificity to cAMP responsiveness. Multiple alternatively spliced transcript variants<br/>encoding several different isoforms have been found for this gene, with some of them<br/>functioning as activators and some as repressors of transcription. [provided by RefSeq, Jul<br/>2008]

#### **Protein Families:** Druggable Genome, Transcription Factors

## **Product images:**



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