

# Recombinant Full Length Human CREB5 Protein, GST-tagged

Cat. No. CREB5-2282HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human CREB5 full-length ORF ( NP_878901.2, 1 a.a. - 508 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>Protein Length</b>	508 amino acids
<b>Description</b>	The product of this gene belongs to the CRE (cAMP response element)-binding protein family. Members of this family contain zinc-finger and bZIP DNA-binding domains. The encoded protein specifically binds to CRE as a homodimer or a heterodimer with c-Jun or CRE-BP1, and functions as a CRE-dependent trans-activator. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]
<b>Molecular Mass</b>	83.3 kDa
<b>AA Sequence</b>	MIYEESKMNLEQERPFVCSAPGCSQRFPTEHDLMIHHRKHHEMTLKFPSIKTDNMLSD QTPTPTRFLKNCEEVGLFSELDCSLEHEFRKAQEEESSKRNISMHNAVGGAMTGPG THQLSSARLPNHDTNVVIQQAMPSPQSSSVITQAPSTNRQIGPVPGLSLLHLHNR QRQPMPASMPGTLNPTMPGSSAVLMPMERQMSVNSSIMGMQGPNLSPNCASPQ VQPMHSEAKMRLKAALTHHPAAMSNGNMNTMGHMMEMMGSRQDQTPHHHMHS HPHQHQTLPHPHPYPHQHQHPAHHHPHPQPHHQQNHPHHHSHSHLHAHPAHHQTS PHPLHTGNQAQVSPATQQMQPTQTIQPPQPTGGRRRRRVDEDPDERRRKFLERN

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RAAATRCRQKRKVVVMSLEKKAEEELTQTNMQLQNEVSMLKNEVAQLKQLLLTHKD  
 CPITAMQKESQGYLSPPESSPPASPVPACSQQQVIQHNTITSSSVSEVVGSSTLSQL  
 TTHRTDLNPIL

<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	CREB5 cAMP responsive element binding protein 5 [ Homo sapiens ]
<b>Official Symbol</b>	CREB5
<b>Synonyms</b>	CREB5; cAMP responsive element binding protein 5; cyclic AMP-responsive element-binding protein 5; cAMP response element binding protein CRE Bpa; CRE BPA; H_GS165L15.1; CREB-5; cAMP-responsive element-binding protein 5; cAMP response element binding protein CRE-Bpa; cAMP response element-binding protein CRE-BPa; cAMP responsive element binding protein 5 isoform alpha; CRE-BPA
<b>Gene ID</b>	9586
<b>mRNA Refseq</b>	NM_001011666

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**Protein Refseq** [NP\\_001011666](#)

**MIM** [618262](#)

**UniProt ID** [Q02930](#)

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