Recombinant Full Length Human CREB5 Protein, GST-tagged

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

SPECIFICATION

Product Overview	Human CREB5 full-length ORF (NP_878901.2, 1 a.a. - 508 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	508 amino acids
Description	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]
Molecular Mass	83.3 kDa
AA Sequence	MIYEESKMNLEQERPFVCSAPGCSQRFPTEDHLMIHRHKHEMTLKFPSIKTDNMLSD QTPTPTRFLKNCEEVGLFSELDCSLEHEFRKAQEEESSKRNISMHNAVGGAMTGPG THQLSSARLPNHDTNVVIQQAMPSPQSSSVITQAPSTNRQIGPVPGSLSSLLHLHNR QRQPMPASMPGTLPNPTMPGSSAVLMPMERQMSVNSSIMGMQGPNLSNPCASPQ VQPMHSEAKMRLKAALTHHPAAMSNGNMNTMGHMMEMMGSRQDQTPHHHMHS HPHQHQTLPPHHPYPHQHQHPAHHPHPQPHHQQNHPHHHSHSHLHAHPAHHQTS PHPPLHTGNQAQVSPATQQMQPTQTIQPPQPTGGRRRRVVDEDPDERRRKFLERN

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

GENE INFORMATION

Gene Name	CREB5 cAMP responsive element binding protein 5 [Homo sapiens]
Official Symbol	CREB5
Synonyms	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
Gene ID	9586
mRNA Refseq	NM_001011666

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Protein Refseq	NP_001011666
MIM	618262
UniProt ID	Q02930

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