

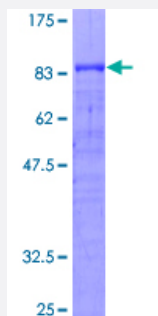
Full-Length

CREB5 (Human) Recombinant Protein (P01)

Catalog # H00009586-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human CREB5 full-length ORF (NP_878901.2, 1 a.a. - 508 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MIYEESKMNLEQERPFVCSAPGCSQRFPTEDHLMHRHKHEMTLKFPSIKTDNMLSDQTPTPTRF
LKNCEEVGLFSELDCSLEHEFRKAQEEESSKRNMHNAVGGAMTGPETHQLSSARLPNHDTNV
VIQQAMPSPQSSSVITQAPSTNRQIGVPVPSLSSLLHLHNRQRQPMASMPGTLNPTMPGSSAV
LMPMERQMSVNSSIMGMQGPNLSPNCASPQVQPMHSEAKMRLKAALTHHPAAMSNGNMNTMG
HMMEMMGSRQDQTPHHMHSHPHQHQTLPHPHPYPHQHQAHPHHPQPHHQQNHPPHHSH
SHLHAHPAHHQTSPHPPLHTGNQAQVSPATQQMQPTQTQPPQPTGGRRRRVVDEDPDERRRK
FLERNRAAATRCRQKRKVWMSLEKKAEEELTQTNMQLQNEVSMKNEVAQLKQLLLTHKDCPIT
AMQKESQGYLSPESSPPASPVACSQQVVIQHNTITSSSVSEVVGSSSTLSQLTTHRTDLNPIL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

83.3

Interspecies Antigen Sequence

Mouse (98); Rat (97)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CREB5

Entrez GeneID	9586
GeneBank Accession#	NM_182898.2
Protein Accession#	NP_878901.2
Gene Name	CREB5
Gene Alias	CRE-BPA
Gene Description	cAMP responsive element binding protein 5
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	H_GS165L15.1 OTTHUMP00000122602 cAMP response element binding protein CRE-Bpa cAMP response element-binding protein CRE-BPa cAMP responsive element binding protein 5 isoform alpha

Pathway

- [Prostate cancer](#)

Disease

- [Asthma](#)
- [Celiac Disease](#)
- [Genetic Predisposition to Disease](#)
- [Neoplasm Invasiveness](#)
- [Prostatic Neoplasms](#)
- [Tobacco Use Disorder](#)