

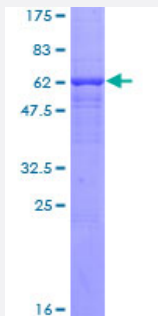
Full-Length

## CRHBP (Human) Recombinant Protein (P02)

Catalog # H00001393-P02

Size 25 ug, 10 ug

### Applications



### Specification

#### Product Description

Human CRHBP full-length ORF ( NP\_001873.2, 1 a.a. - 322 a.a.) recombinant protein with GST-tag at N-terminal.

#### Sequence

MSPNFKLQCHFILIFLTALRGESRYLELREAADYDPFLLFSANLKRELAGEQPYRRALRCLDMLSL  
 QGQFTFTADRPQLHCAAFFISEPEEFITHYDQVSIDCQGGDFLKVFDGWILKGEKFPSSQDHPLP  
 SAERYIDFCESGLSRRSIRSSQNVAMIFFRVHEPGNGFTLTIKTDPNLFPCNVISQTPNGKFTLVVP  
 HQRNCSFSIYPVVIKISDLTLGHVNGLQLKKSSAGCEGIGDFVELLGGTGLDPSKMTPLADLCYP  
 FHGPAQMKVGCDNTVVRMVSSGKHVNRVTFEYRQLEPYELENPNNGNSIGEFCLSGL

#### Host

Wheat Germ (in vitro)

#### Theoretical MW (kDa)

62.5

#### 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 — CRHBP

Entrez GeneID [1393](#)

GeneBank Accession# [NM\\_001882.3](#)

Protein Accession# [NP\\_001873.2](#)

Gene Name CRHBP

Gene Alias CRF-BP, CRFBP

Gene Description corticotropin releasing hormone binding protein

Omim ID [122559](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** Corticotropin-releasing hormone is a potent stimulator of synthesis and secretion of preopiomelanocortin-derived peptides. Although CRH concentrations in the human peripheral circulation are normally low, they increase throughout pregnancy and fall rapidly after parturition. Maternal plasma CRH probably originates from the placenta. Human plasma contains a CRH-binding protein which inactivates CRH and which may prevent inappropriate pituitary-adrenal stimulation in pregnancy. [provided by RefSeq]

**Other Designations** corticotropin releasing hormone-binding protein

## Disease

- [Alcoholism](#)
- [Asthma](#)

- [Bipolar Disorder](#)
- [Chromosome Deletion](#)
- [Chronic Disease](#)
- [Connective Tissue Diseases](#)
- [Depressive Disorder](#)
- [Disease Models](#)
- [Fetal Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Infection](#)
- [Inflammation](#)
- [Mental Disorders](#)
- [Musculoskeletal Diseases](#)
- [Pain](#)
- [Pre-Eclampsia](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Psychiatric Status Rating Scales](#)
- [Psychophysiologic Disorders](#)
- [Psychotic Disorders](#)
- [Recurrence](#)
- [Schizophrenia](#)
- [Skin Diseases](#)
- [Somatoform Disorders](#)
- [Tobacco Use Disorder](#)

- [Vaginosis](#)