9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

CRHBP Human

Corticotropin Releasing Hormone Binding Protein Human Recombinant
HRM0017

Product Overview

Name	CRHBP Human

Description

Corticotropin Releasing Hormone Binding Protein Human Recombinant

Accession (Primary)	P24387

Synonyms

Corticotropin releasing hormone binding protein, CRF-BP, CRH-BP, CRF-binding protein.

Introduction

CRH is a powerful stimulator of synthesis and secretion of preopiomelanocortin-derived peptides. CRH concentration in the human peripheral circulation is usually low. The concentration rises during pregnancy and fall back quickly after parturition. Maternal plasma CRH most likely originates from the placenta. Human plasma has a CRH-binding protein that inactivates CRH and can inhibit inappropriate pituitary-adrenal stimulation in pregnancy.

Source

Escherichia Coli.

Physical Appearance

Filtered white lyophilized powder.

Formulation

CRHBP Human was filtered (0.4 µm) and lyophilized from 0.5mg/ml supplied in 20mM TRIS and 20mM NaCl, pH 7.5.

Stability

Store lyophilized protein at -20°C. Aliquot reconstituted protein to avoid repeated freezing/thawing cycles and store at -80°C for long term storage. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after one week at 4°C.

Amino acid sequence

MKHHHHHHAS YLELREAADY DPFLLFSANL KRELAGEQPY RRALRCLDML SLQGQFTFTA DRPQLHCAAF FISEPEEFIT IHYDQVSIDC QGGDFLKVFD GWILKGEKFP SSQDHPLPSA ERYIDFCESG LSRRSIRSSQ NVAMIFFRVH EPGNGFTLTI KTDPNLFPCN VISQTPNGKF TLVVPHQHRN CSFSIIYPVV IKISDLTLGH VNGLQLKKSS AGCEGIGDFV ELLGGTGLDP SKMTPLADLC YPFHGPAQMK VGCDNTVVRM VSSGKHVNRV TFEYRQLEPY ELENPNGNSI GEFCLSGL YLELREAADY DPFLLFSANL KRELAGEQPY RRALRCLDML SLQGQFTFTA DRPQLHCAAF FISEPEEFIT IHYDQVSIDC QGGDFLKVFD GWILKGEKFP SSQDHPLPSA

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ERYIDFCESG LSRRSIRSSQ NVAMIFFRVH EPGNGFTLTI KTDPNLFPCN VISQTPNGKF TLVVPHQHRN CSFSIIYPVV IKISDLTLGH VNGLQLKKSS AGCEGIGDFV ELLGGTGLDP SKMTPLADLC YPFHGPAQMK VGCDNTVVRM VSSGKHVNRV TFEYRQLEPY ELENPNGNSI GEFCLSGL

Solubility

Add deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. Product is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

Applications

ELISA, Western blotting

Precautions

CRHBP Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P24387)