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CRHBP (22-322), Human

Corticotropin Releasing Hormone Binding Protein (22-322 a.a.) Human Recombinant HRM0016

Product Overview

Name	CRHBP (22-322), Human

Description

Corticotropin Releasing Hormone Binding Protein (22-322 a.a.) Human Recombinant

Accession (Primary)	P24387

Synonyms

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

Introduction

Corticotropin Releasing Hormone Binding Protein or CRHBP is a hormone that stimulates the preopiomelanocortin-derived peptides secretion & synthesis. In general, the levels of CRHBP in the human plasma are relatively low. There are times when we can find high levels of the hormone, mainly in pregnancy, after parturition the levels drop back, the high levels are thought to be derived from the placenta. CRH-binding protein can be found in the plasma, this protein inactivates CRH, in order to avoid inappropriate pituitary-adrenal stimulation during gestation.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

CRHBP protein (1mg/ml) contains 10% glycerol, 0.4M urea and 20mM Tris-HCl buffer (pH 8.0).

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Greater than 85.0% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGS ESRYLEL REAADYDPFL LFSANLKREL AGEQPYRRAL RCLDMLSLQG QFTFTADRPQ LHCAAFFISE PEEFITIHYD QVSIDCQGGD FLKVFDGWIL KGEKFPSSQD HPLPSAERYI DFCESGLSRR SIRSSQNVAM IFFRVHEPGN GFTLTIKTDP NLFPCNVISQ TPNGKFTLVV PHQHRNCSFS IIYPVVIKIS DLTLGHVNGL QLKKSSAGCE GIGDFVELLG GTGLDPSKMT PLADLCYPFH GPAQMKVGCD

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NTVVRMVSSG KHVNRVTFEY RQLEPYELEN PNGNSIGEFC LSGL

Precautions

CRHBP (22-322), Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P24387)