

32-6619: CRHBP (22-322), Human

Alternative Name : Corticotropin releasing hormone binding protein, CRF-BP, CRH-BP, CRF-binding protein.

Description

Source: Escherichia Coli.

Sterile Filtered colorless solution.

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.

CRHBP Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 324 amino acids (22-322 a.a) and having a molecular mass of 36.1kDa. CRHBP is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Product Info

Amount : 5 µg / 20 µg

Purification : Greater than 85.0% as determined by SDS-PAGE.

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

Storage condition : 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.

Amino Acid : MGSSHHHHHH SSGLVPRGSH MGSESRYLEL REAADYDPFL LFSANLKREL AGEQPYRRAL
RCLDMLSLQG QFTFTADRPQ LHCAFFISE PEEFITIHYD QVSIDCQGGD FLKVFDGWIL KGEKFPSSQD
HPLPSAERYI DFCESGLSRR SIRSSQNVAM IFFRVHEPGN GFTLTIKTDP NLFPCNVISQ TPNGKFTLVV
PHQHRNCSFS IYPPVIKIS DLTLGHVNGL QLKSSAGCE GIGDFVELLG GTGLDPSKMT PLADLCYPFH
GPAQMKVGCD NTVVRMVSSG KHVNRVTFEY RQLEPYELEN PNGNSIGEFCL SGL