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32-2013: CRHBP Recombinant Protein

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

Description

Source : Escherichia Coli. CRHBP Human Recombinant is a 34.58 kDa protein containing 308 aa and fused to a 10 aa N-Terminal His-tag. CRHBP is purified by proprietary chromatographic techniques. 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.

Product Info

Amount :	10 µg
Content :	CRHBP Human was filtered (0.4µm) and lyophilized from 0.5 mg/ml supplied in 20mM TRIS, 20mM NaCl, pH 7.5.
Storage condition :	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 :	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 ERYIDFCESG LSRRSIRSSQ NVAMIFFRVH EPGNGFTLTI KTDPNLFPCN VISQTPNGKF TLVVPHQHRN CSFSIIYPVV IKISDLTLGH VNGLQLKKSS AGCEGIGDFV ELLGGTGLDP SKMTPLADLC YPFHGPAQMK VGCDNTVVRM VSSGKHVNRV TFEYRQLEPY ELENPNGNSI GEFCLSGL

Application Note

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.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.