

Recombinant Human CRHBP, His-tagged

Cat. No. CRHBP-5061H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CRHBP protein, fused to His-tag at N-terminus, was expressed in E.coli.
Species	Human
Source	E.coli
Description	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.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.4M Urea
Molecular Mass	36.1 kDa(324aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSESRYLEL REAADYDPFL LFSANLKREL AGEQPYRRAL RCLDMLSLQG QFTFTADRPQ LHCAAFFISE PEEFITIHYD QVSDCQGGD FLKVFDGWIL KGEKFPSSQD HPLPSAERYI DFCESGLSRR SIRSSQNVAM IFFRVHEPGN GFTLTIKTDP NLFPCNVISQ TPNGKFTLVV PHQHRNCSFS IIPVVIKIS DLTGLGHVNGL QLKKSAGCE GIGDFVELLG GTGLDPSKMT PLADLCYPFH GPAQMKVGCD NTVVRMVSSG KHVNRVTFEY RQLEPYELEN PNGNSIGEFC LSGL

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Purity	>85% by SDS - PAGE
Applications	SDS-PAGE
Storage	Can be stored at +4centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20centigrade or -70centigrade. Avoid repeated freezing and thawing cycles.
Concentration	1 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name	CRHBP corticotropin releasing hormone binding protein [Homo sapiens]
Official Symbol	CRHBP
Synonyms	CRHBP; corticotropin releasing hormone binding protein; corticotropin-releasing factor-binding protein; CRF BP; CRFBP; CRH-BP; CRF-binding protein; corticotropin releasing hormone-binding protein; corticotropin-releasing hormone-binding protein; CRF-BP;
Gene ID	1393
mRNA Refseq	NM_001882
Protein Refseq	NP_001873
MIM	122559
UniProt ID	P24387

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Chromosome Location	5q
Function	corticotropin-releasing hormone binding; corticotropin-releasing hormone binding; peptide binding; protein binding;

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