

Recombinant Human CRHBP, His-tagged

Cat. No. CRHBP-27121TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human CRHBP with an N terminal His tag; 308 amino acids with tag, Predicted MWt 34.53 kDa.
Species	Human
Source	E.coli
ProteinLength	298 amino acids
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.
Conjugation	HIS
Molecular Weight	34.530kDa inclusive of tags
Form	Lyophilised: Add deionized water to prepare a working stock solution of approximately 0.5 mg/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 ce
Storage buffer	Preservative: None Constituents: 20mM Sodium chloride, 20mM Tris, pH 7.5

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Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	MKHHHHHHASYLELREAADYDPFLLFSANLKRELAGEQPYRRALRCLDMLSLQGQF TFTADRPQLHCAAFFISEPEEFITIHVDQVSIDCQGGDFLKVFDGWILKGEKFPSSQD HPLPSAERYIDFCESGLSRRSIRSSQNVAMIFFRVHEPGNGFTLTIKTDPNLFPCNVIS QTPNGKFTLVVPHQHRNCSFSIYPVVIKISDLTLGHVNLQLKKSSAGCEGIGDFVEL LGGTGLDPSKMTPLADLCYPFHGPAQMKVGCNTTVVRMVSSGKHVNRVTFEYRQL EPYELENPNGNSIGEFCLSG

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;
Gene ID	1393
mRNA Refseq	NM_001882
Protein Refseq	NP_001873
MIM	122559
Uniprot ID	P24387
Chromosome Location	5q

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Function

corticotropin-releasing hormone binding;

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