

Product datasheet for **TP725614**

CRHBP Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human CRHBP (C-His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Tyr25-Leu322
Tag:	C-6His
Buffer:	Supplied as a 0.2 um filtered solution of 20mM Tris-HCl, 150mM NaCl, pH7.5
Note:	Recombinant Human Corticotropin-Releasing Factor-Binding Protein is produced by our Mammalian expression system and the target gene encoding Tyr25-Leu322 is expressed with a 6His tag at the C- terminus.
Stability:	12 months from date of despatch
Locus ID:	1393
UniProt ID:	P24387
Summary:	Corticotropin-Releasing Factor-Binding Protein (CRHBP) is a 37 kDa secreted glycoprotein that binds both CRH and urocortin in a 42 kDa extracellular complex. The molecule is approximately 300 amino acids in length and demonstrates five intrachain disulfide bonds. Difference between CRHBP from different species exist, human CRHBP is found in plasma while rodent and sheep CRHBP is limited to neuroendocrine tissues. CRHBP may inactivate CRH and may prevent inappropriate pituitaryadrenal stimulation in pregnancy. CRHBP is presumed to either sequester CRH, rendering it unavailable to cells or transport it to target tissues. Although CRF-BP concentration in the human peripheral circulation is normally low, it increases throughout pregnancy and fall back rapidly after parturition



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