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## Datasheet for ABIN7318339 CRHBP Protein (His tag)

### Overview

Quantity:	50 µg
Target:	CRHBP
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CRHBP protein is labelled with His tag.

### Product Details

Purpose:	Recombinant Human CRHBP Protein (His Tag)
Sequence:	Tyr25-Leu322
Characteristics:	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.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

### Target Details

Target:	CRHBP
Alternative Name:	CRHBP ( <a href="#">CRHBP Products</a> )
Background:	Background: 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

## Target Details

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 pituitary-adrenal 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.

Synonym: Corticotropin-Releasing Factor-Binding Protein, CRF-BP, CRF-Binding Protein, Corticotropin-Releasing Hormone-Binding Protein, CRH-BP, CRHBP, CRFBP

Molecular Weight:	34.4 kDa
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UniProt:	<a href="#">P24387</a>
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Pathways:	<a href="#">Negative Regulation of Hormone Secretion</a>
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## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
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Reconstitution:	Please refer to the printed manual for detailed information.
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Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM TrisHCl, 150mM NaCl, pH 7.5.
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Storage:	4 °C,-20 °C,-80 °C
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Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
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