

## Recombinant Human CRHBP Protein

Catalog #	Source	Reactivity	Applications
CRP1344	Human cells	Human	E, WB, SDS-PAGE, MS
<b>Description</b>	Recombinant Human CRHBP 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.		
<b>Form</b>	Lyophilized from a 0.2 μM filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 7.5.		
<b>Gene Symbol</b>	CRHBP		
<b>Alternative Names</b>	CRFBP; Corticotropin-releasing factor-binding protein; CRF-BP; CRF-binding protein; Corticotropin-releasing hormone-binding protein; CRH-BP		
<b>Entrez Gene</b>	1393 (Human)		
<b>SwissProt</b>	P24387 (Human)		
<b>Purity</b>	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.		
<b>Chemical Structure</b>	<p>YLELREAADY DPFLFSANL KRELAGEQPY RRALRCLDML SLQGQFTFTA DRPQLHCAAF            FISEPEEFIT IHYDQVSIDC QGGDFLKVFD GWILKGEKFP SSQDHPLPSA ERYIDFCESG            LSRRSIRSSQ NVAMIFFRVH EPGNGFTLTI KTDPNLFPCN VISQTPNGKF TLVVPHQHRN            CSFSIYPVV IKISDLTLGH VNGLQLKKSS AGCEGIGDFV ELLGGTGLDP SKMTPLADLC            YPFHGPAQMK VGCDNTVVRM VSSGKHVNRV TFEYRQLEPY ELENPNGNSI GEFCLSGGLVD            HHHHHH</p>		
<b>Quality Control</b>	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
<b>Directions for Use</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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# Product Data Sheet

## Storage/Stability

Lyophilized protein should be stored at  $-20^{\circ}\text{C}$ , though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at  $2-8^{\circ}\text{C}$  for 2-7 days. Aliquots of reconstituted samples are stable at  $-20^{\circ}\text{C}$  for 3 months.

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