

Recombinant Full Length Human CRHBP Protein, C-Flag-tagged

Cat. No. CRHBP-866HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human CRHBP Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	36 kDa
AA Sequence	MSPNFKLQCHFILIFLTALRGESRYLELREAADYDPFLLFSANLKRELAGEQPYRRAL RCLDMLSLQGQF TFTADRPQLHCAAFFISEPEEFITIHVDQVSDCQGGDFLKVFDG WILKGEKFPSSQDHPLPSAERYIDF CESGLSRRSIRSSQNVAMIFFRVHEPGNGFTL TIKTDPNLFPCNVISQTPNGKFTLVVPHQHRNCSFSII YPVVIKISDLTLGHVNGLQLK KSSAGCEGIGDFVELLGGTGLDPSKMTPLADLCYPFHGPAQMKVGCNT VVRMVSSGKHVNRVTFEYRQLEPYELENPNGNSIGEFCLSGLTRTRPLEQKLISEED

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

Gene Name	CRHBP corticotropin releasing hormone binding protein [Homo sapiens (human)]
Official Symbol	CRHBP
Synonyms	CRFBP; CRF-BP
Gene ID	1393
mRNA Refseq	NM_001882.4
Protein Refseq	NP_001873.2
MIM	122559

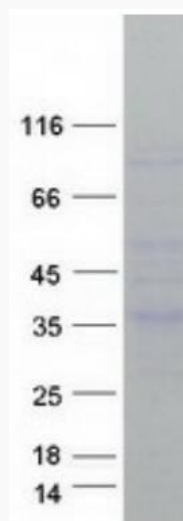
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UniProt ID

P24387



Coomassie blue staining of purified CRHBP protein.

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