



# Recombinant Mouse Corticotropin-releasing factor-binding protein (Crhbp)

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| <b>Product Code</b>      | CSB-MP723321MO   |
| <b>Abbreviation</b>      | Crhbp  |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.   |
| <b>Uniprot No.</b>       | Q60571   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Mus musculus (Mouse)   |
| <b>Purity</b>            | >85% (SDS-PAGE)  |
| <b>Sequence</b>          | YLEVQE AAVYDPLLLF SANLKRDLAE EQPYRRALRC LDMLSLPGQF<br>TFTADRPQLH CAAFFIGEPE EFITIHVDLV SIDCQGGDFL KVFDGWILKG<br>EKFPSSQDHP LPTMKRYTDF CESGLTRRSI RSSQNVAMVF FRVHEPGNGF<br>TITIKTDPNL FPCNVISQTP SGRFTLVVPY QHQNCFSFSII YPVAIKISDL<br>TLGHLHGLQL KKPAAGCGGT GDFVELLGGT GLDPSKMMPL ADLCYPFLGP<br>AQMKISC DNA VVRMVSSGKH INRVTFEYRQ LEPFELETST GNSIPEYCLS SL  |
| <b>Source</b>            | Mammalian cell   |
| <b>Target Names</b>      | Crhbp  |
| <b>Protein Names</b>     | Recommended name: Corticotropin-releasing factor-binding protein Short name= CRF-BP Short name= CRF-binding protein Alternative name(s): Corticotropin-releasing hormone-binding protein Short name= CRH-BP  |
| <b>Expression Region</b> | 25-322   |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.  |
| <b>Protein Length</b>    | Full Length of Mature Protein  |
| <b>Target Details</b>    | 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. |
| <b>Reconstitution</b>    | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final   |



concentration of glycerol is 50%. Customers could use it as reference.

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