

Product datasheet for **AR51377PU-N**

CRHBP (22-322, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	CRHBP (22-322, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSESRYLEL READYDPFL LFSANLKREL AGEQPYRRAL RCLDMLSLQG QFTFTADRPQ LHCAAFFISE PEEFITIHVD QVSIDCQGGD FLKVF DGWIL KGEKFPSSQD HPLPSAERYI DFCEGLSRR SIRSSQNVAM IFFRVHEPGN GFTLTIKTDN NLFPCNVISQ TPNGKFTLVV PHQHRNCSFS IYYPVVIKIS DLTGLGHVNGL QLKSSAGCE GIGDFVELLG GTGLDPSKMT PLADLCYPFH GPAQMKVCGD NTVVRMVSSG KHVNRVTFEY RQLEPYELEN PNGNSIGFC LSGL
Tag:	His-tag
Predicted MW:	36.1 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol 0.4M Urea
Preparation:	Liquid purified protein
Protein Description:	Recombinant human CRHBP protein, fused to His-tag at N-terminus, was expressed in E.coli.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001873
Locus ID:	1393
UniProt ID:	P24387
Cytogenetics:	5q13.3
Synonyms:	CRF-BP; CRFBP



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Summary:

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. [provided by RefSeq, Jul 2008]

Product images: