Recombinant Full Length Human CRHR2 Protein

Cat. No. CRHR2-2310HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CRHR2 full-length ORF (NP_001874.2) recombinant protein without tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	411 amino acids
Description	The protein encoded by this gene belongs to the G-protein coupled receptor 2 family, and the subfamily of corticotropin releasing hormone receptor. This receptor shows high affinity for corticotropin releasing hormone (CRH), and also binds CRH-related peptides such as urocortin. CRH is synthesized in the hypothalamus, and plays an important role in coordinating the endocrine, autonomic, and behavioral responses to stress and immune challenge. Studies in mice suggest that this receptor maybe involved in mediating cardiovascular homeostasis. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.[provided by RefSeq, Jan 2011]
Form	Liquid
Molecular Mass	47.7 kDa
AA Sequence	MDAALLHSLLEANCSLALAEELLLDGWGPPLDPEGPYSYCNTTLDQIGTCWPRSAA GALVERPCPEYFNGVKYNTTRNAYRECLENGTWASKINYSQCEPILDDKQRKYDLH YRIALVVNYLGHCVSVAALVAAFLLFLALRSIRCLRNVIHWNLITTFILRNVMWFLLQLV

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	DHEVHESNEVWCRCITTIFNYFVVTNFFWMFVEGCYLHTAIVMTYSTERLRKCLFLFI GWCIPFPIIVAWAIGKLYYENEQCWFGKEPGDLVDYIYQGPIILVLLINFVFLFNIVRILM TKLRASTTSETIQYRKAVKATLVLLPLLGITYMLFFVNPGEDDLSQIMFIYFNSFLQSF QGFFVSVFYCFFNGEVRSAVRKRWHRWQDHHSLRVPMARAMSIPTSPTRISFHSIK QTAAV
Applications	Antibody Production Functional Study Compound Screening
Usage	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	25 mM Tris-HCl of pH8.0 containing 2% glycerol.

GENE INFORMATION

Gene Name	CRHR2 corticotropin releasing hormone receptor 2 [Homo sapiens]
Official Symbol	CRHR2
Synonyms	CRHR2; corticotropin releasing hormone receptor 2; corticotropin-releasing factor receptor 2; CRF RB; CRF2; HM CRF; CRH-R2; CRF2 receptor, beta isoform; CRFR2; CRF-RB; HM-CRF;
Gene ID	1395

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mRNA Refseq	NM_001202475
Protein Refseq	NP_001189404
MIM	602034
UniProt ID	Q13324

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