

Recombinant Full Length Human CRHR2 Protein, GST-tagged

Cat. No. CRHR2-2050HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CRHR2 full-length ORF (NP_001874.2, 1 a.a. - 411 a.a.) recombinant protein with GST-tag at N-terminal.
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]
Molecular Mass	74.1 kDa
AA Sequence	MDAALLHSLLEANCSLALAEELLLDGGWGPPLDPEGPYSYCNTTLDQIGTCWPRSAA GALVERPCPEYFNGVKYNTTRNAYRECLENGTWASKINYSQCEPILDDKQRKYDLH YRIALVVNYLGHCVSVAALVAAFLLFLALRSIRCLRNVIHWNLITTFILRNVMWFLQLV DHEVHESNEVWCRCITTIFNYFVVTNFFWMFVEGCYLHTAIVMTYSTERLRKCLFLFI

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GWCIPFPIIWAIGKLYYENEQCWFGKEPGDLVDYIYQGPIILVLLINFLFNIVRILM
TKLRASTTSETIQYRKAVKATLVLLPLLGITMMLFFVNPGEDDLSQIMFIYFNSFLQSF
QGFFVSVFYCFFNGEVRS AVRKRWHRWQDHHSLRVP MARAMSIPTSPTRISFHSIK
QTAAV

Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
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	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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
mRNA Refseq	NM_001202475
Protein Refseq	NP_001189404

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



MIM	602034
------------	--------

UniProt ID	Q13324
-------------------	--------

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA