

Recombinant Human CRHR2 Protein, GST-tagged

Cat. No. CRHR2-1870H **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	Wheat Germ
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 YRIALVVNYLGHCVSVAALVAAFLFLALRSIRCLRNVIHWNLITTFILRNVMWFLLQLV DHEVHESNEVWCRCITTIFNYFVVTNFFWMFVEGCYLHTAIVMTYSTERLRKCLFLFI GWCIPFPPIIWAIGKLYYENEQCWFGKEPGDLVDYIYQGPIILVLLINFVFLFNIVRILM

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TKLRASTTSETIQYRKAVKATLVLLPLLGITVYMLFFVNPGEDDLSQLMFIYFNSFLQSF
QGFFVSVFYCFNNGEVRSVRKRWHRWQDHHSLRVPMARAMSIPTSPTRISFHSIK
QTAAY

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

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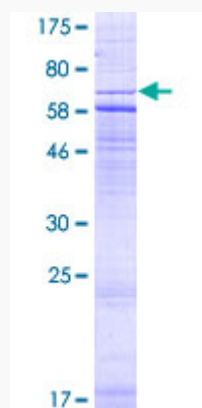
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MIM 602034

UniProt ID Q13324

Quality Control
Testing:



12.5% SDS-PAGE Stained with Coomassie Blue.

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