

Recombinant Human CRHR2 Protein

Cat. No. CRHR2-1869H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CRHR2 full-length ORF (NP_001874.2) recombinant protein without tag.
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]
Form	Liquid
Molecular Mass	47.7 kDa
AA Sequence	MDAALLHSLLEANCSLALAEELLLDGGWPPLDPEGPYSYCNTTLDQIGTCWPRSAA GALVERPCPEYFNGVKYNTTRNAYRECLNGTWASKINYSQCEPILDDKQRKYDLH YRIALVVNYLGHCVSVAALVAAFLFLALRSIRCLRNVIHWNLITTFILRNVMWFLLQLV DHEVHESNEVWCRCITTIFNYFVVTNFFWMFVEGCYLHTAIVMTYSTERLRKCLFLFI GWCIPFPIIWAIGKLYYENEQCWFGKEPGDLVDYIYQGPIILVLLINFVFLFNIVRILM

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TKLRASTTSETIQYRKAVKATLVLLPLLGIT YMLFFVNPGEDDL SQIMFIYFNSFLQSF
 QGFFVSVFYCFFNGEVRSAVRKRWHRWQDHHSLRVP MARAMSIPTSPTRISFHSIK
 QTA AV

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](#)

mRNA Refseq

[NM_001202475](#)

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Protein Refseq	NP_001189404
MIM	602034
UniProt ID	Q13324

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