

Product Information

MemDX™ Membrane Protein Human CRHR2 (Corticotropin releasing hormone receptor 2) for Antibody Discovery

Cat. No.: **MP0268X**

This product is for research use only and is not intended for diagnostic use.

This product is a 74.1 kDa Human CRHR2 membrane protein expressed in *in vitro* wheat germ expression system. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

CRHR2

Protein Length

Full-length

Molecular Weight

74.1 kDa

TMD

7

Sequence

MDAALLHSLLEANCSLALAEELLLDGGWGPPLDPEGPYSYCNTTLDQIGTCWPRSAAGALVERPCPEYFNGVKYNTTRNAYRECLEM

Product Description

Application

Enzyme-linked Immunoabsorbent Assay, Western Blot (Recombinant protein), Antibody Production, Protein Array

Expression Systems

in vitro wheat germ expression system

Tag

GST-tag at N-terminal

Form

Liquid

Purification

Glutathione Sepharose 4 Fast Flow

Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer

Storage

Store at +4°C for up to one week or several months at -80°C

Target**Target Protein**

CRHR2

Full Name

Corticotropin releasing hormone receptor 2

Introduction

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

Alternative Names

CRFR2; OTTHUMP00000024836

Gene ID

[1395](#)

UniProt ID

[Q13324](#)