

**PRODUCT INFORMATION**

<b>Target</b>	CRHR2
<b>Synonyms</b>	CRF2; CRF2R; CRH-R2; CRH-R2伪; CRH-R2尾; CRH-R2结
<b>Description</b>	Recombinant human CRHR2 Protein with C-terminal human Fc tag
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	Q13324
<b>Expression Host</b>	HEK293
<b>Tag</b>	C-Human Fc tag
<b>Molecular Characterization</b>	CRHR2(Glu20-Lys108) hFc(Glu99-Ala330)
<b>Molecular Weight</b>	The protein has a predicted molecular mass of 36.3 kDa after removal of the signal peptide.
<b>Purity</b>	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
<b>Formulation &amp; Reconstitution</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
<b>Storage&amp;Shipping</b>	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
<b>Sterility</b>	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 µm) prior to use.
<b>Background</b>	CRHR2 (Corticotropin-releasing hormone receptor 2) is a G-protein coupled receptor (GPCR) that binds CRH and urocortins, activating Gs proteins and cAMP signaling. Expressed in heart, brain, skeletal muscle, and peripheral tissues, CRHR2 regulates stress response, anxiety, appetite, and energy homeostasis, and is implicated in psychiatric and cardiovascular disorders.
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated





Figure 1. Human CRHR2 Protein, hFc Tag on SDS-PAGE under reducing condition.

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