



Human CRHR1 blocking peptide (CDBP0881)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-CRHR1/CRF-R (aa 250 - 263) antibody
Antigen Description	This gene encodes a G-protein coupled receptor that binds neuropeptides of the corticotropin releasing hormone family that are major regulators of the hypothalamic-pituitary-adrenal pathway. The encoded protein is essential for the activation of signal transduction pathways that regulate diverse physiological processes including stress, reproduction, immune response and obesity. Alternative splicing results in multiple transcript variants, one of which represents a read-through transcript with the neighboring gene MGC57346.
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	CRHR1 corticotropin releasing hormone receptor 1 [Homo sapiens]
Official Symbol	CRHR1
Synonyms	CRHR1; corticotropin releasing hormone receptor 1; CRHR; corticotropin-releasing factor receptor 1; corticotropin releasing factor receptor; CRF R; CRF1; seven transmembrane helix

receptor; corticotropin-releasing hormone receptor 1; corticotropin-releasing factor type 1 receptor; corticotropin releasing hormone receptor variant 1e; corticotropin releasing hormone receptor variant 1g; CRF-R; CRFR1; CRF-R1; CRFR-1; CRH-R1; CRHR1L; CRHR1f; CRF-R-1; CRH-R-1; CRH-R1h;

Entrez Gene ID [1394](#)

mRNA Refseq [NM_001145146](#)

Protein Refseq [NP_001138618](#)

UniProt ID P34998

Chromosome Location 17q12-q22

Pathway Class B/2 (Secretin family receptors), organism-specific biosystem; G alpha (s) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; GPCRs, Class B Secretin-like, organism-specific biosystem; Long-term depression, organism-specific biosystem; Long-term depression, conserved biosystem;

Function corticotrophin-releasing factor receptor activity; corticotropin-releasing hormone binding; peptide binding; protein binding; receptor activity; signal transducer activity;
