



Human CRHR1 blocking peptide (DAG-P1484)

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

PRODUCT INFORMATION

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. [provided by RefSeq, Jan 2012]
Specificity	Predominantly expressed in the cerebellum, pituitary, cerebral cortex and olfactory lobe.
Conjugate	Unconjugated
Applications	BL
Sequence Similarities	Belongs to the G-protein coupled receptor 2 family.
Format	Lyophilised
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

GENE INFORMATION

Gene Name	CRHR1 corticotropin releasing hormone receptor 1 [Homo sapiens (human)]
Official Symbol	CRHR1
Synonyms	CRHR1; corticotropin releasing hormone receptor 1; CRF1; CRHR; CRF-R; CRFR1; CRF-R1; CRFR-1; CRH-R1; CRHR1L; CRHR1f; CRF-R-1; CRH-R-1; CRH-R1h; corticotropin-releasing factor receptor 1; CRH receptor 1 variant B; 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;

Entrez Gene ID	1394
mRNA Refseq	NM_001145146.1
Protein Refseq	NP_001138618.1
UniProt ID	P34998
Chromosome Location	17q12-q22
Pathway	Class B/2 (Secretin family receptors), organism-specific biosystem; Corticotropin-releasing hormone, 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; Myometrial Relaxation and Contraction Pathways, org
Function	G-protein alpha-subunit binding; corticotrophin-releasing factor receptor activity; corticotropin-releasing hormone binding; corticotropin-releasing hormone receptor activity; protein binding; protein complex binding;