



Human MC2R blocking peptide (CDBP1839)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-MC2R/ACTHR antibody
Antigen Description	MC2R encodes one member of the five-member G-protein associated melanocortin receptor family. Melanocortins (melanocyte-stimulating hormones and adrenocorticotrophic hormone) are peptides derived from pro-opiomelanocortin (POMC). MC2R is selectively activated by adrenocorticotrophic hormone, whereas the other four melanocortin receptors recognize a variety of melanocortin ligands. Mutations in MC2R can result in familial glucocorticoid deficiency. Alternate transcript variants have been found for this gene. [provided by RefSeq, May 2014]
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	MC2R melanocortin 2 receptor (adrenocorticotrophic hormone) [Homo sapiens]
Official Symbol	MC2R
Synonyms	MC2R; melanocortin 2 receptor (adrenocorticotrophic hormone); adrenocorticotrophic hormone

receptor; ACTHR; MC2 receptor; ACTH receptor; corticotropin receptor; adrenocorticotropin receptor; MGC125798;

Entrez Gene ID	4158
mRNA Refseq	NM_000529
Protein Refseq	NP_000520
UniProt ID	Q01718
Chromosome Location	18p11.2
Pathway	Class A/1 (Rhodopsin-like 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 A Rhodopsin-like, organism-specific biosystem; Neuroactive ligand-receptor interaction, organism-specific biosystem; Neuroactive ligand-receptor interaction, conserved biosystem;
Function	G-protein coupled receptor activity; corticotropin receptor activity; melanocortin receptor activity; protein binding; receptor activity; signal transducer activity;