

Recombinant Human MC2R Protein, MYC/DDK-tagged

Cat. No. MC2R-700H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human MC2R protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
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].
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	33.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	melanocortin 2 receptor[Homo sapiens]
Official Symbol	MC2R
Synonyms	ACTHR; ACTHR
Gene ID	4158
mRNA Refseq	NM_000529.2
Protein Refseq	NP_000520.1
MIM	607397
UniProt ID	Q01718

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