

## Recombinant Human MC4R Protein, MYC/DDK-tagged

Cat. No. MC4R-695H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human MC4R protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	The protein encoded by this gene is a membrane-bound receptor and member of the melanocortin receptor family. The encoded protein interacts with adrenocorticotrophic and MSH hormones and is mediated by G proteins. This is an intronless gene. Defects in this gene are a cause of autosomal dominant obesity. [provided by RefSeq, Jan 2010]
<b>Form</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
<b>Molecular Mass</b>	36.8 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

### GENE INFORMATION

<b>Gene Name</b>	<a href="#">melanocortin 4 receptor [ Homo sapiens ]</a>
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<b>Official Symbol</b>	MC4R
<b>Synonyms</b>	MGC126851; MGC138197
<b>Gene ID</b>	4160
<b>mRNA Refseq</b>	NM_005912.2
<b>Protein Refseq</b>	NP_005903.2
<b>MIM</b>	155541
<b>UniProt ID</b>	P32245

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