

Product Information

MemDX™ Membrane Protein Human MCHR1 (Melanin concentrating hormone receptor 1) for Antibody Discovery

Cat. No.: **MP0455X**

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

This product is a 71.94 kDa Human MCHR1 membrane protein expressed in *in vitro* wheat germ expression system. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

MCHR1

Protein Length

Full-length

Molecular Weight

71.94 kDa

TMD

7

Sequence

MSVGAMKKGVGRAVGLGGGSGCQATEEDPLPDCGACAPGQGGRRWRLPQPAWVEGSSARLWEQATGTGWMDLEASLLPTGP

Product Description

Application

Enzyme-linked Immunoabsorbent Assay, Western Blot (Recombinant protein), Antibody Production, Protein Array

Expression Systems

in vitro wheat germ expression system

Tag

GST-tag at N-terminal

Form

Liquid

Purification

Glutathione Sepharose 4 Fast Flow

Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer

Storage

Store at +4°C for up to one week or several months at -80°C

Target**Target Protein**

MCHR1

Full Name

Melanin concentrating hormone receptor 1

Introduction

The protein encoded by this gene, a member of the G protein-coupled receptor family 1, is an integral plasma membrane protein which binds melanin-concentrating hormone. The encoded protein can inhibit cAMP accumulation and stimulate intracellular calcium flux, and is probably involved in the neuronal regulation of food consumption. Although structurally similar to somatostatin receptors, this protein does not seem to bind somatostatin

Alternative Names

SLC1; GPR24; MCH1R; SLC-1; MCH-1R

Gene ID

[2847](#)

UniProt ID

[Q99705](#)