

Product Information

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

Full Length

Cat. No.: **MPC0293K**

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

This product is a 45.9 kDa Human MCHR1 membrane protein expressed in Baculovirus/Insect 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

Protein Class

GPCR

Molecular Weight

45.9 kDa

TMD

7

Sequence

MSVGAMKKGVGRAVGLGGGSGCQATEEDPLPNCGACAPGQGGRWRRLPQP
AWVEGSSARLWEQATGTGWMDEASLLPTGPNASNTSDGPDNLTSAGSP
RTGSISYINIIMPSVFGTICLLGIIGNSTVIFAVVKKSKLHWCNNVPDIF
IINLSVVDLLFLLGMPFMIHQLMGNGVWHFGETMCTLITAMDANSQFTST
YILTAMAIIDRYLATVHPISSTKFRKPSVATLVICLLWALSFSITPVWLY
ARLIPFPGGAVGCGIRLPNPDTDLYWFTLYQFFLAFALPFVVITAAYVRI
LQRMTSSVAPASQRSIRLRTKRVTRTAIAICLVFFVCWAPYYVLQLTQLS
ISRPTLTFVYLYNAAISLGYANSCLNPFVYIVLCETFRKRLVLSVKPAAQ
GQLRAVSNAQTADDEERTESKGT

Product Description

Expression Systems

Baculovirus/Insect expression system

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

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; G protein-coupled receptor 24; MCH receptor 1; somatostatin receptor-like protein; MCHR1; Melanin concentrating hormone receptor 1

Gene ID

[2847](#)

UniProt ID

[Q99705](#)