

Product Information

MemDX™ Membrane Protein Human MC5R (Melanocortin 5 receptor) Expressed *in vitro*

E. coli expression system, Full Length

Cat. No.: **MPX3316K**

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

This product is a Human MC5R membrane protein expressed *in vitro* *E. coli* 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

MC5R

Protein Length

Full Length

Protein Class

GPCR

TMD

7

Sequence

MNSSFHLHFLLNLNATEGNLSGPNVKNKSSPCEDMGIAVEVFLTLGVISLLENILVIGAIVKNKNLHSPMYFFVCSLAVADMLVSMSS

Product Description

Expression Systems

in vitro *E. coli* expression system

Tag

10xHis tag at the N-terminus

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

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

MC5R

Full Name

Melanocortin 5 receptor

Introduction

This gene encodes a member of the seven-pass transmembrane G protein-coupled melanocortin receptor protein family that stimulate cAMP signal transduction. The encoded protein is a receptor for melanocyte-stimulating hormone and adrenocorticotropic hormone and is suggested to play a role in sebum generation.

Alternative Names

MC5R; MC2; Melanocortin 5 receptor

Gene ID

[4161](#)

UniProt ID

[P33032](#)