

Product Information

MemDX™ Membrane Protein Human MC4R (Melanocortin 4 receptor expressed in *in vitro* wheat germ expression system) for Antibody Discovery

Cat. No.: **MP0687X**

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

This product is a 36.9 kDa Human MC4R 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

MC4R

Protein Length

Full-length

Molecular Weight

36.9 kDa

TMD

7

Sequence

MVNSTHRGMHTSLHLWNRSSYRLHSNASESLGKGYSDDGGCYEQLFVSVPEVFVTLGVISLLENILVIVAIAKNKNLHSPMYFFICSLAV

Product Description

Application

Antibody Production

Expression Systems

in vitro wheat germ expression system

Tag

NO

Protein Format

Liposome

Form

Liquid

Purification

None

Buffer

25 mM Tris-HCl of pH8.0 containing 2% glycerol

Storage

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

Target

Target Protein

MC4R

Full Name

Melanocortin 4 receptor

Introduction

The protein encoded by this gene is a membrane-bound receptor and member of the melanocortin receptor family. The encoded protein interacts with adrenocorticotropic 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

Alternative Names

BMIQ20

Gene ID

[4160](#)

UniProt ID

[P32245](#)