

Product Information

MemDX™ Membrane Protein Human CHRM4 (Cholinergic receptor muscarinic 4) for

Antibody Discovery

Cat. No.: **MP0220X**

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

This product is a 53 kDa Human CHRM4 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

CHRM4

Protein Length

Full-length

Molecular Weight

53 kDa

TMD

7

Sequence

MANFTPVNGSSGNQSVRLVTSSSHNRYETVEMVFIATVTGSLSLVTVVGNIILVMSIKVNRQLQTVNNYFLFSLACADLIIGAFSMNL

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**

CHRM4

Full Name

Cholinergic receptor muscarinic 4

Introduction

The muscarinic cholinergic receptors belong to a larger family of G protein-coupled receptors. The functional diversity of these receptors is defined by the binding of acetylcholine and includes cellular responses such as adenylate cyclase inhibition, phosphoinositide degeneration, and potassium channel mediation. Muscarinic receptors influence many effects of acetylcholine in the central and peripheral nervous system. The clinical implications of this receptor are unknown; however, mouse studies link its function to adenylyl cyclase inhibition

Alternative Names

HM4; muscarinic acetylcholine receptor M4

Gene ID

[1132](#)

UniProt ID

[P08173](#)