

Product Information

MemDX™ Membrane Protein Human mGluR5, His tag

Cat. No.: **MP1483F**

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

This product is recombinant Human mGluR5 membrane protein. 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

mGluR5

Protein Length

Full Length

Protein Class

GPCR

TMD

7

Product Description

Tag

His tag

Storage

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

Target

Target Protein

mGluR5

Full Name

Glutamate metabotropic receptor 5

Introduction

This gene encodes a member of the G-protein coupled receptor 3 protein family. The encoded protein is a metabotropic

glutamate receptor, whose signaling activates a phosphatidylinositol-calcium second messenger system. This protein may be involved in the regulation of neural network activity and synaptic plasticity. Glutamatergic neurotransmission is involved in most aspects of normal brain function and can be perturbed in many neuropathologic conditions. A pseudogene of this gene has been defined on chromosome 11. Alternative splicing results in multiple transcript variants.

Alternative Names

mGlu5; GPRC1E; MGLUR5; PPP1R86; metabotropic glutamate receptor 5; glutamate receptor, metabotropic 5; protein phosphatase 1, regulatory subunit 86

Gene ID

[2915](#)

UniProt ID

[P41594](#)