

Product Information

MemDX™ Membrane Protein Human GLP1R, His tag

Cat. No.: **MP1484F**

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

This product is recombinant Human GLP1R 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

GLP1R

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

GLP1R

Full Name

Glucagon like peptide 1 receptor

Introduction

This gene encodes a 7-transmembrane protein that functions as a receptor for glucagon-like peptide 1 (GLP-1) hormone,

which stimulates glucose-induced insulin secretion. This receptor, which functions at the cell surface, becomes internalized in response to GLP-1 and GLP-1 analogs, and it plays an important role in the signaling cascades leading to insulin secretion. It also displays neuroprotective effects in animal models. Polymorphisms in this gene are associated with diabetes. The protein is an important drug target for the treatment of type 2 diabetes and stroke. Alternative splicing of this gene results in multiple transcript variants.

Alternative Names

GLP-1; GLP-1R; GLP-1-R; glucagon-like peptide 1 receptor; GLP-1 receptor; GLP1 receptor; seven transmembrane helix receptor

Gene ID

[2740](#)

UniProt ID

[P43220](#)