

Product Information

MemDX™ Membrane Protein Human FFAR1 (Free fatty acid receptor 1) Full Length

Cat. No.: **MPC0089K**

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

This product is a 31.4 kDa Human FFAR1 membrane protein expressed in Baculovirus/Insect 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

FFAR1

Protein Length

Full length

Protein Class

GPCR

Molecular Weight

31.4 kDa

TMD

7

Sequence

MDLPPQLSFGLYVAAFALGFPLNVLAIRGATAHARLRLTPSLVYALNLGC
SDLLLTVSLPLKAVEALASGAWPLPASLCPVFAVAHFFPLYAGGGFLAAL
SAGRYLGAAPFLGYQAFRRPCYSWGVCAAIWALVLCHLGLVFGLEAPGGW
LDHSNTSLGINTPVNGSPVCLEAWDPASAGPARFSLSLLLFFLPLAITAF
CYVGCLRALARSLTHRRKLRAAWVAGGALLTLLCVGPYNASNVASFLY
PNLGGSWRKLGLITGAWSVVLNPLVTGYLGRGPGLKTVCAARTQGGKSQK

Product Description

Expression Systems

Baculovirus/Insect expression system

Tag

Flag tag at N-terminal and 8xHis tag at C-terminal

Protein Format

Detergent or based on specific requirements

Form

Liquid

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**

FFAR1

Full Name

Free fatty acid receptor 1

Introduction

This gene encodes a member of the GP40 family of G protein-coupled receptors that are clustered together on chromosome 19. The encoded protein is a receptor for medium and long chain free fatty acids and may be involved in the metabolic regulation of insulin secretion. Polymorphisms in this gene may be associated with type 2 diabetes.

Alternative Names

FFA1R; GPR40; GPCR40; G-protein coupled receptor 40; FFAR1; Free fatty acid receptor 1

Gene ID

[2864](#)

UniProt ID

[O14842](#)