

Product Information

MemDX™ Membrane Protein Human FFAR1 (Free fatty acid receptor 1) Expressed *in vitro* *E.coli* expression system, Full Length

Cat. No.: **MPX2930K**

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

This product is a Human FFAR1 membrane protein expressed *in vitro* *E.coli* 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

TMD

7

Sequence

MDLPPQLSFGLYVAAFALGFPLNVLAIRGATAHARLRLTPSLVYALNLGCSDLLLTVSLPLKAVEALASGAWPLPASLCPVFAVAHFF

Product Description

Expression Systems

in vitro *E.coli* expression system

Tag

10xHis tag at the N-terminus

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

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

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

Gene ID

[2864](#)

UniProt ID

[Q14842](#)