

Product Information

MemDX™ Membrane Protein Human FFAR4 (Free fatty acid receptor 4) Full Length

Cat. No.: **MPC0092K**

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

This product is a 40.4 kDa Human FFAR4 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

FFAR4

Protein Length

Full length

Protein Class

GPCR

Molecular Weight

40.4 kDa

TMD

7

Sequence

MSPECARAAGDAPLRSLEQANRTRFPFFSDVKGDHRLVLA AVETTVLVLI
FAVSLLGNVCALVLVARRRRRGATACLVLNLF CADLLFISAIPVLAVRW
TEAWLLGPVACHLLFYVMTLSG SVTILTAAVSLERMVCIVHLQRGV RGP
GRRARAVLLALIWGYSAVAALPLCVFFRVVPQRLPGADQEISICTLIWPT
IPGEISWDVSFVTLNFLVPGLVIVISYSKILQITKASRKRLTVSLAYSES
HQIRVSQQDFRLFRTLFLLMVSFFIMWSP IIITILLILIQNFKQDLVIWP
SLFFWVVAFTFANSALNPILYNMTLCRNEWKKIFCCFWFPEKGAILTDTS
VKRNDLSIISG

Product Description

Expression Systems

Baculovirus/Insect expression system

Tag

Based on specific requirements

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**

FFAR4

Full Name

Free fatty acid receptor 4

Introduction

This gene encodes a G protein-coupled receptor (GPR) which belongs to the rhodopsin family of GPRs. The encoded protein functions as a receptor for free fatty acids, including omega-3, and participates in suppressing anti-inflammatory responses and insulin sensitizing. Multiple transcript variants encoding different isoforms have been found for this gene.

Alternative Names

GT01; PGR4; BMIQ10; GPR120; GPR129; O3FAR1; G-protein coupled receptor 120; G-protein coupled receptor 129; G-protein coupled receptor GT01; G-protein coupled receptor PGR4; omega-3 fatty acid receptor 1; FFAR4; Free fatty acid receptor 4

Gene ID

[338557](#)

UniProt ID

[Q5NUL3](#)