

# Product Information

## MemDX™ Membrane Protein Human FFAR2 (Free fatty acid receptor 2) Full Length

Cat. No.: **MPC0090K**

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

This product is a 37.1 kDa Human FFAR2 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

FFAR2

#### Protein Length

Full length

#### Protein Class

GPCR

#### Molecular Weight

37.1 kDa

#### TMD

7

#### Sequence

MLPDWKSSLILMAYIIIFLTGLPANLLALRAFVGRIRQPQPAPVHILL  
LTLADLLLLLLLPFKIIEAASNFRWYLPKVVCALTSFGFYSSIYCSTWLL  
AGISIERYLGVAFPVQYKLSRRPLYGVIAALVAWVMSFGHCTIVIVQYL  
NTTEQVRSGNEITCYENFTDNQLDVVLPVRLELCLVLFFIPMAVTIFCYW  
RFVWIMLSQPLVGAQRRRRRAVGLAVVTLLNFLVCFGPYNVSHLVGYHQRK  
SPWWRSIAVVFSSLNASLDPLLFFYSSSVVRRAFGRGLQVLRNQGSLLG  
RRGKDTAEGTNEDRGVGGQEGMPSSDFTTE

### 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**

FFAR2

**Full Name**

Free fatty acid receptor 2

**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 short chain free fatty acids and may be involved in the inflammatory response and in regulating lipid plasma levels.

**Alternative Names**

FFA2R; GPR43; G-protein coupled receptor 43; fatty acid receptor 2; free fatty acid activated receptor 2; FFAR2; Free fatty acid receptor 2

**Gene ID**

[2867](#)

**UniProt ID**

[O15552](#)