

# Product Information

## **MemDX™ Membrane Protein Human FFAR2 (Free fatty acid receptor 2) Expressed *in vitro* *E.coli* expression system, Full Length**

Cat. No.: **MPX3348K**

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

This product is a Human FFAR2 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**

FFAR2

#### **Protein Length**

Full Length

#### **Protein Class**

GPCR

#### **TMD**

7

#### **Sequence**

MLPDWKSSILMAYIIIFLTGLPANLLALRAFVGRIRQPQPAPVHILLSLTLADLLLLLLLPFKIIEAASNFRWYLPKVVCALTSFGFYSS

### 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**

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**

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

#### **Gene ID**

[2867](#)

#### **UniProt ID**

[Q15552](#)