

# Product Information

## **MemDX™ Membrane Protein Human FFAR2 (Free fatty acid receptor 2 expressed in *in vitro* wheat germ expression system) for Antibody Discovery**

Cat. No.: **MP0465X**

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

This product is a 63.5 kDa Human FFAR2 membrane protein expressed in *in vitro* wheat germ 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

#### Molecular Weight

63.5 kDa

#### TMD

7

#### Sequence

MLPDWKSSLILMAYIIIFLTGLPANLLALRAFVGRIRQPQPAPVHILLSTLADLLLLLLLPFKIIEAASNFRWYLPKVVCALTSFGFYSS

### Product Description

#### Application

Enzyme-linked Immunoabsorbent Assay, Western Blot (Recombinant protein), Antibody Production, Protein Array

#### Expression Systems

*in vitro* wheat germ expression system

#### Tag

GST-tag at N-terminal

#### Form

Liquid

#### Purification

Glutathione Sepharose 4 Fast Flow

**Buffer**

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer

**Storage**

Store at +4°C for up to one week or several months at -80°C

**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

**Gene ID**

[2867](#)

**UniProt ID**

[O15552](#)