

# Product Information

## NativeExtract™ Human FFAR2 Membrane Protein (Full length, Super Nanodisc)

Cat. No.: **S01YF-1023-KX277**

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

This product is recombinant Human FFAR2 protein in native nanodisc form. The synthetic compound we developed can solubilize the FFAR2 protein from membrane while retaining the native structure.

### Product Specifications

#### Host Species

Human

#### Target Protein

FFAR2

#### Protein Length

Full length

#### Molecular Weight

37.1kDa

#### Sequence

Accession # [Q15552](#)

### Product Description

#### Activity

Yes

#### Application

ELISA; SPR Binding Assays; Phage Display Screening; Immunity; Functional Assays

#### Expression Systems

HEK293 expression system

#### Tag

Flag tag at the C-terminus

#### Protein Format

Native Nanodisc

#### Form

Liquid

**Buffer**

20 mM Tris-HCl, 150 mM NaCl, pH 8.0

**Storage**

The product should be stored at -20°C to -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; 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**

[Q15552](#)