

# Active Recombinant Human FFAR1 Full Length Transmembrane protein(Nanodisc)

**Cat. No.** FFAR1-8754H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                           |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human FFAR1 Full Length Transmembrane protein(O14842), was expressed in HEK293.                                                                                                                                                                                                                               |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                     |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                    |
| <b>Form</b>             | Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions.                                                                                            |
| <b>Bio-activity</b>     | Elisa plates were pre-coated with Flag Tag FFAR1-Nanodisc (0.2µg/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with FFAR1-Nanodisc is 4.566ng/ml. |
| <b>Molecular Mass</b>   | The human full length FFAR1 protein has a MW of 31.5 kDa.                                                                                                                                                                                                                                                                 |
| <b>Storage</b>          | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.                                                                       |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.                                                                                                                                             |

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**Full Length**

Full L.

## GENE INFORMATION

**Gene Name**

FFAR1 free fatty acid receptor 1 [ Homo sapiens ]

**Official Symbol**

FFAR1

**Synonyms**

FFAR1; free fatty acid receptor 1; G protein coupled receptor 40 , GPR40; FFA1R; G protein-coupled receptor 40; G-protein coupled receptor 40; GPR40; GPCR40;

**Gene ID**

2864

**mRNA Refseq**

NM\_005303

**Protein Refseq**

NP\_005294

**MIM**

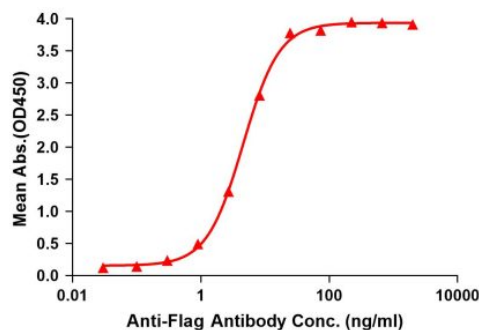
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**UniProt ID**

O14842

**Activity**

ELISA assay to evaluate FFAR1-Nanodisc  
0.2µg Human FFAR1-Nanodisc per well



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