

Active Recombinant Human FFAR1 Full Length Transmembrane protein(Nanodisc)

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

SPECIFICATION

Product Overview	Recombinant Human FFAR1 Full Length Transmembrane protein(O14842), was expressed in HEK293.
Species	Human
Source	HEK293
Form	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.
Bio-activity	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.
Molecular Mass	The human full length FFAR1 protein has a MW of 31.5 kDa.
Storage	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.
Reconstitution	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](#)

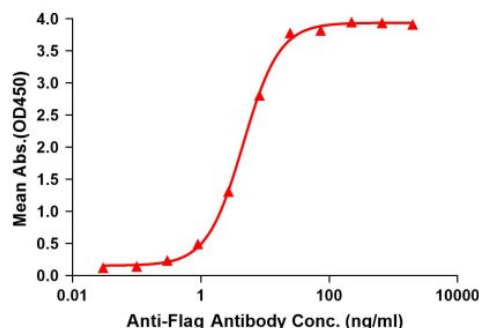
Protein Refseq [NP_005294](#)

MIM [603820](#)

UniProt ID [O14842](#)

Activity

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



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