FFAR2

Free fatty acid receptor 2

Catalog No.	CSH3062MP CSH3062PR	**Quantity:**	10 mg 50 µg

Alternate Names: FFA2, FFA2R, G-Protein Coupled Receptor 43, GPR43

Description: FFAR2 encodes a protein known as Free fatty acid receptor 2, a class A G-protein coupled receptor that is a member of the GP40 family of receptors that are clustered together on chromosome 19. Free Fatty Acid receptors are a group of Gq/11 protein-coupled receptors currently classified into FFA1, FFA2, FFA3 and FFA4 subtypes. These receptors are concentrated in pancreatic islet cells, immune cells and in the brain and are important in immunity and metabolism. FFA2 is a receptor for short chain free fatty acids and may be involved in the inflammatory response and in regulating lipid plasma levels. It is expressed in adipose tissue, pancreas, spleen, lymph nodes, bone marrow, and peripheral blood mononuclear cells.

The receptor is available in the following formats: stable over-expression cell line, membrane preparation, or purified receptor in HEK293 or CHO. Various tagged versions are available.

Gene ID: 2867

UniProtKB: O15552

Format: Cell line, membrane preparation, or purified protein

Source: HEK 293 or CHO cells

Characterization: Expression verified by flow cytometry. Receptor demonstrates biological activity when tested in a radioligand assay.

Affinity Tag Options: 4S-H: 2 x TwinStrep Tag at the amino-terminus, His_{10} tag at the carboxy-terminus

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