GPR119

Glucose-dependent insulinotropic receptor

Catalog No.	CSH3009MP CSH3009PR	**Quantity:**	10 mg 50 µg

Alternate Names: G Protein-Coupled Receptor 119, G-Protein Coupled Receptor 2, GPCR2

Description: GPR119 encodes the protein known as Glucose-dependent insulinotropic receptor, also known as G protein-coupled receptor 119, a member of the rhodopsin subfamily of G-protein-coupled receptors. GPR119, along with GPR55 and GPR18, have a degree of homology to cannabinoid receptors. The glucose-dependent insulinotropic receptor is expressed predominantly in the pancreas and gastrointestinal tract and may be involved glucose homeostasis. It has been shown to regulate incretin and insulin hormone secretion.

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: 139760

UniProtKB: Q8TDV5

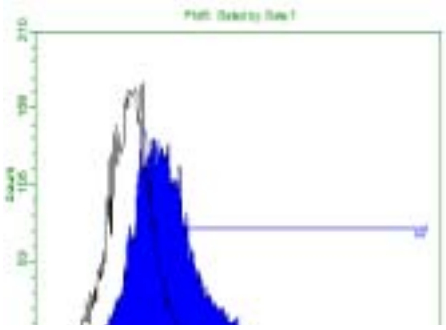
Format: Cell line, membrane preparation, or purified protein

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

Human GPR119 receptor was stably overexpressed in CHO cells and expression was assessed by flow cytometry with Strep-Tactin Chromeo 488



Cell Sciences®
65 Parker Street
Unit 11
Newburyport, MA 01950

Toll Free: 888-769-1246
Phone: 978-572-1070
Fax: 978-992-0298

E-mail: info@cellsciences.com
Website: www.cellsciences.com

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