

## GCGR

## Glucagon receptor

<b>Catalog No.</b>	CSH1059MP	<b>Quantity:</b>	10 mg
	CSH1059PR		50 µg

**Alternate Names:** GL-R, GGR

**Description:** GCGR encodes the protein known as Glucagon receptor (GL-R) that is activated by glucagon and is a member of the class B G-protein coupled family of receptors, coupled to G alpha i, Gs and to a lesser extent G alpha q. GL-R plays a central role in the regulation of blood glucose levels and glucose homeostasis. It regulates the rate of hepatic glucose production by promoting glycogen hydrolysis and gluconeogenesis and also plays an important role in mediating the responses to fasting.

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:** 2642

**UniProtKB:** P47871

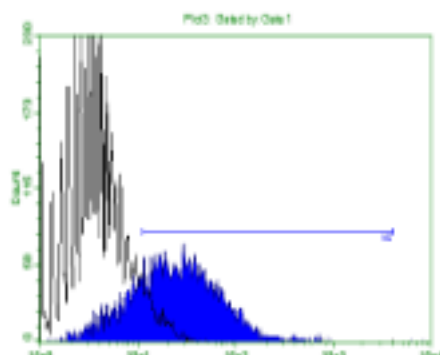
**Format:** Cell line, membrane preparation, or purified protein

**Source:** HEK 293 or CHO cells

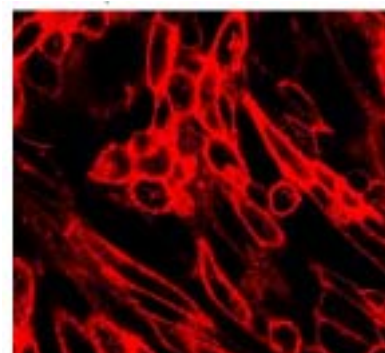
**Characterization:** Expression verified by flow cytometry. Receptor demonstrates biological activity when tested in a radioligand assay.

**Affinity Tag Options:** 4S: 2 x TwinStrep Tag at the amino-terminus

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



Human GCGR receptor was stably overexpressed in CHO cells and expression was assessed by immunostaining with Strep-Tactin Chromeo 546



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