

GPR6

G-protein coupled receptor 6

Catalog No.	CSH3101MP	Quantity:	10 mg
	CSH3101PR		50 µg

Alternate Names: Sphingosine 1-phosphate receptor GPR6

Description: GPR6 encodes the G-protein coupled receptor 6, a member of the G protein-coupled receptor family of transmembrane receptors. GPR6 is an orphan receptor with constitutive G(s) signaling activity that activates cyclic AMP, and is further activated by sphingosine-1-phosphate.. This receptor promotes neurite outgrowth and blocks myelin inhibition in neurons. An important paralog of this gene is GPR3.

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: 2830

UniProtKB: P46095

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, His₁₀ Tag at the carboxy-terminus

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