

## GPR12

## G-protein coupled receptor 12

<b>Catalog No.</b>	CSH2110MP CSH2110PR	<b>Quantity:</b>	10 mg 50 µg
<b>Alternate Names:</b>	GPCR12, Protein Phosphatase 1 Regulatory Subunit 84, PPP1R84, GPCR21		
<b>Description:</b>	<p>GPR12 encodes the G-protein coupled receptor 12, a member of the G protein-coupled receptor family of transmembrane receptors. GPR12 is an orphan receptor with constitutive G(s) signaling activity that activates cyclic AMP. This receptor promotes neurite outgrowth and blocks myelin inhibition in neurons. An important paralog of this gene is GPR6.</p> <p>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.</p>		
<b>Gene ID:</b>	2835		
<b>UniProtKB:</b>	P47775		
<b>Format:</b>	Cell line, membrane preparation, or purified protein		
<b>Source:</b>	HEK 293 or CHO cells		
<b>Characterization:</b>	Expression verified by flow cytometry. Receptor demonstrates biological activity when tested in a radioligand assay.		
<b>Affinity Tag Options:</b>	4S-H: 2 x TwinStrep Tag at the amino-terminus, His <sub>10</sub> Tag at the carboxy-terminus		

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