

## GPR35

### G-protein coupled receptor 35

<b>Catalog No.</b>	CSH3031MP CSH3031PR	<b>Quantity:</b>	10 mg 50 µg
<b>Alternate Names:</b>	G Protein-Coupled Receptor 35, Kynurenic Acid Receptor, KYNA Receptor		
<b>Description:</b>	<p>GPR35 encodes the G-protein coupled receptor 35. It is still considered an orphan receptor, but there have been attempts to deorphanize it by identifying endogenous molecules that can activate the receptor. It has been reported to act as a receptor for kynurenic acid, an intermediate in the tryptophan metabolic pathway. The activity of this receptor is mediated by G-proteins that elicit calcium mobilization and inositol phosphate production through G(qi/o) proteins. Heightened expression of GPR35 is found in immune and gastrointestinal tissues, including the crypts of Lieberkühn. An important paralog of this gene is GPR55.</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>	2859		
<b>UniProtKB:</b>	Q9HC97		
<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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