

GPR3

G-protein coupled receptor 3

Catalog No.	CSH3035MP CSH3035PR	Quantity:	10 mg 50 µg
Alternate Names:	ACCA Orphan Receptor, Adenylate Cyclase Constitutive Activator, ACCA		
Description:	<p>GPR3 encodes the G-protein coupled receptor 3, a member of the G protein-coupled receptor family of transmembrane receptors. It is involved in signal transduction. GPR3 activates adenylate cyclase in the absence of ligand. It is expressed in mammalian oocytes where it maintains meiotic arrest and is thought to be a communication link between oocytes and the surrounding somatic tissue. May play a role in modulating a number of brain functions, including behavioral responses to stress, and amyloid-beta peptide generation in neurons and neurite outgrowth.</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>		
Gene ID:	2827		
UniProtKB:	P46089		
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		

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