

HCAR2

Hydroxycarboxylic acid receptor 2

Catalog No.	CSH3070MP CSH3070PR	Quantity:	10 mg 50 µg
Alternate Names:	G-Protein Coupled Receptor 109A, GPR109A, G-Protein Coupled Receptor HM74A, HM74a, Niacin Receptor 1, Nicotinic Acid Receptor, Hydroxy-Carboxylic Acid Receptor 2, HCA2, Puma-G, HM74b		
Description:	<p>HCAR2 encodes the protein known as Hydroxycarboxylic acid receptor 2, also known as niacin receptor 1 (NIACR1) and GPR109A. This receptor is a high-affinity Gi/Go-coupled G protein-coupled receptor (GPCR) for nicotinic acid (niacin) and is a member of the nicotinic acid receptor family of GPCRs. It mediates nicotinic acid-induced apoptosis in mature neutrophils. Receptor activation by nicotinic acid results in reduced cAMP levels which may affect activity of cAMP-dependent protein kinase A and phosphorylation of target proteins, leading to neutrophil apoptosis.</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:	338442		
UniProtKB:	Q8TDS4		
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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