Recombinant Full Length Rat Hydroxycarboxylic Acid Receptor 2(Hcar2) Protein, His-Tagged

Cat. No. RFL28895RF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Rat Hydroxycarboxylic acid receptor 2(Hcar2) Protein (Q80Z39) (1-360aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Full Length (1-360)
Form	Lyophilized powder
AA Sequence	MSKQNHFLVINGKNCCVFRDENIAKVLPPVLGLEFVFGLLGNGLALWIFCFHLKSWK SSR IFLFNLAVADFLLIICLPFLTDNYVQNWDWRFGSIPCRVMLFMLAMNRQGSIIFLT VVAV DRYFRVVHPHHFLNKISNRTAAIISCFLWGITIGLTVHLLYTDMMTRNGDANLC SSFSIC YTFRWHDAMFLLEFFLPLGIILFCSGRIIWSLRQRQMDRHVKIKRAINFIMVV AIVFVIC FLPSVAVRIRIFWLLYKHNVRNCDIYSSVDLAFFTTLSFTYMNSMLDPVVYY FSSPSFPN FFSTCINRCLRRKTLGEPDNNRSTSVELTGDPSTIRSIPGALMTDPSEP GSPPYLASTSR
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20℃/-80℃. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	Hcar2
Synonyms	Hcar2; Gpr109; Gpr109a; Gpr109b; Niacr1; Pumag; Hydroxycarboxylic acid receptor 2; G-protein coupled receptor 109; G-protein coupled receptor 109A; G-protein coupled receptor HM74; Niacin receptor 1; Nicotinic acid receptor; Protein PUMA-G
UniProt ID	Q80Z39

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