Recombinant Full Length Human HCAR3 Protein

Cat. No. HCAR3-5563HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GPR109B full-length ORF (NP_006009.1) recombinant protein without tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	372 amino acids
Description	HCAR3 (Hydroxycarboxylic Acid Receptor 3) is a Protein Coding gene. Diseases associated with HCAR3 include Distal Hereditary Motor Neuropathy, Type Ii. Among its related pathways are Peptide ligand-binding receptors and Signaling by GPCR. GO annotations related to this gene include G-protein coupled receptor activity. An important paralog of this gene is HCAR2.
Form	Liquid
Molecular Mass	44.5 kDa
AA Sequence	MNRHHLQDHFLEIDKKNCCVFRDDFIAKVLPPVLGLEFIFGLLGNGLALWIFCFHLKS WKSSRIFLFNLAVADFLLIICLPFVMDYYVRRSDWKFGDIPCRLVLFMFAMNRQGSIIF LTVVAVDRYFRVVHPHHALNKISNWTAAIISCLLWGITVGLTVHLLKKKLLIQNGTANV CISFSICHTFRWHEAMFLLEFFLPLGIILFCSARIIWSLRQRQMDRHAKIKRAITFIMVV AIVFVICFLPSVVVRIHIFWLLHTSGTQNCEVYRSVDLAFFITLSFTYMNSMLDPVVYY FSSPSFPNFFSTLINRCLQRKITGEPDNNRSTSVELTGDPNKTRGAPEALMANSGEP WSPSYLGPTSNNHSKKGHCHQEPASLEKQLGCCIE

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Applications	Antibody Production Functional Study Compound Screening
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	25 mM Tris-HCl of pH8.0 containing 2% glycerol.

GENE INFORMATION

Gene Name	HCAR3 hydroxycarboxylic acid receptor 3 [Homo sapiens (human)]
Official Symbol	HCAR3
Synonyms	HCAR3; hydroxycarboxylic acid receptor 3; HCA3; HM74; PUMAG; Puma-g; GPR109B; hydroxycarboxylic acid receptor 3; G-protein coupled receptor 109B; G-protein coupled receptor HM74; G-protein coupled receptor HM74B; GTP-binding protein; hydroxy-carboxylic acid receptor 3; niacin receptor 2; nicotinic acid receptor 2; putative chemokine receptor
Gene ID	8843
mRNA Refseq	NM_006018
Protein Refseq	NP_006009
MIM	606039
UniProt ID	P49019

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