

Recombinant Full Length Human HCAR3 Protein, GST-tagged

Cat. No. HCAR3-5565HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GPR109B full-length ORF (NP_006009.1, 1 a.a. - 387 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	387 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.
Molecular Mass	70.9 kDa
AA Sequence	MNRHHLQDHFLEIDKKNCCVFRDDFIKVLPPVLGLEFIFGLLGNGLALWIFCFHLKS WKSSRIFLFNLAVADFLLIICLPFVMDYYVRRSDWKFGDIPCLVLFLMFAMNRQGSIIIF LTVVAVDRYFRVPHPHALNKISNWTAAIISCLLWGITVGLTVHLLKKLLIQNGTANV CISFSICHTFRWHEAMFLEFFLPLGIILFCSARIWLSLRQRQMDRHAKIKRAITFIMVV AIVFVICFLPSVVVRIHIFWLLHTSGTQNCVYRSVDLAFFITLSFTYMNSMLDPVVYY FSSPSFPNFFSTLINRCLQRKITGEPDNNRSTSVELTGDPNKTGRGAPEALMANSSEP WSPSYLGPTSNNHSSKKGHCHQEPASLEKQLGCCIE

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
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	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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

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UniProt ID

P49019

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