

Recombinant Human HCAR3 Protein

Cat. No. HCAR3-5167H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GPR109B full-length ORF (NP_006009.1) recombinant protein without tag.
Species	Human
Source	Wheat Germ
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	MNRHHLQDHFLEIDKKNCCVFRDDFIKVLPPVLGLEFIFGLLGNGLALWIFCFHLKS WKSSRIFLFNLAVADFLLIICLPFVMDYYVRRSDWKFGDIPCRLVLFMFAMNRQGSIIIF LTVVAVDRYFRVPHPHALNKISNWTAAIISCLLWGITVGLTVHLLKKLLIQNGTANV CISFSICHTFRWHEAMFLEFFLPLGIILFCSARIWLSLRQRQMDRHAKIKRAITFIMVV AIVFVICFLPSVVVRIHIFWLLHTSGTQNCVYRSVDLAFFITLSFTYMNSMLDPVVYY FSSPSFPNFFSTLINRCLQRKITGEPDNNRSTSVELTGDPNKTRGAPEALMANSSEP WSPSYLGPTSNHSHKKGHCHQEPASLEKQLGCCIE
Applications	Antibody Production

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	Functional Study Compound Screening
Usage	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



UniProt ID

P49019

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA