

Active Recombinant Full Length Human HCAR2 Protein, C-Flag-tagged

Cat. No. HCAR2-353HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human HCAR2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	Predicted to enable nicotinic acid receptor activity. Involved in neutrophil apoptotic process and positive regulation of neutrophil apoptotic process. Located in cell junction and plasma membrane.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Bio-activity	Surface Plasmon Resonance (SPR)
Molecular Mass	41.7 kDa
AA Sequence	MNRHHLQDHFLEIDKKNCCVFRDDFIVKVLPPVLGLEFIFGLLGNGLALWIFCFHLKS WKSSRIFLFNLA VADFLLIICLPFLMDNYVRRWDWKFGDIPCRLMLFMLAMNRQGSII FLTVVAVDRYFRVPHPHALNKIS NRTAAIISCLLWGITIGLTVHLLKKKMPIQNGGAN LCSSFSICHTFQWHEAMFLEFFLPLGIILFCSAR IIWSLRQRQMDRHAKIKRAITFIM VVAIVFVICFLPSVVVRIRIFWLLHTSGTQNCCEVYRSVDLAFFITL SFTYMNSMLDPVV YYFSSPSFPNFFSTLINRCLQRKMTGEPDNNRSTSVELTGDPNKTRGAPEALMANS G

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	EPWSPSYLGPTSPTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, GPCR, Transmembrane
Full Length	Full L.

GENE INFORMATION

Gene Name	HCAR2 hydroxycarboxylic acid receptor 2 [Homo sapiens (human)]
Official Symbol	HCAR2
Synonyms	HCA2; HM74a; HM74b; PUMAG; NIACR1; Puma-g; GPR109A
Gene ID	338442
mRNA Refseq	NM_177551.4
Protein Refseq	NP_808219.1

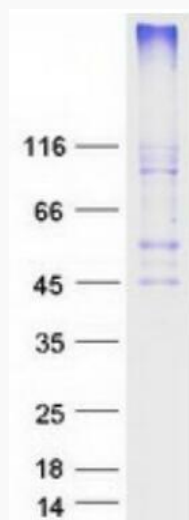
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MIM 609163

UniProt ID Q8TDS4



Coomassie blue staining of purified HCAR2 protein.

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