

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	<p>MNRHHLQDHFLEIDKKNCCVFRDDFIVKVLPPVLGLEFIFGLLGNGLALWIFCFHLKS WKSSRIFLFNLA VADFLLIICLPFLMDNYVRRWDWKFGDIPCRMLFMLAMNRQGSII FLTVVAVDRYFRVVHPHALNKIS NRTAAIISCLLWGITIGLTVHLLKKKMPIQNGGAN LCSSFSICHTFQWHEAMFLEFFLPLGIILFCSAR IWSLRQRQMDRHAKIKRAITFIM VVAIVVICFLPSVVVRIRIFWLLHTSGTQNCDEVYRSVDLAFFITL SFTYMNSMLDPVV YYFSSPSFPNFFSTLINRCLQRKMTGEPDNNRSTSVELTGDPNKTRGAPEALMANS G</p>

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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](#)

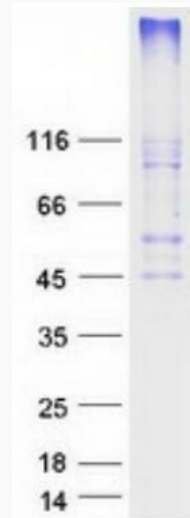
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MIM 609163

UniProt ID Q8TDS4



Coomassie blue staining of purified HCAR2 protein.

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