

# Recombinant Human HCAR2 Full Length Transmembrane protein, His-tagged

**Cat. No.** HCAR2-29H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human HCAR2 Full Length Transmembrane protein(Q8TDS4)(1-363aa), fused with C-terminal His tag, was expressed in E. coli.                                                                                                                                                                                                                                            |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Source</b>           | in vitro E.coli expression system                                                                                                                                                                                                                                                                                                                                               |
| <b>ProteinLength</b>    | 1-363aa                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose.                                                                                                                                                       |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                                  |
| <b>Molecular Mass</b>   | 42.7 kDa                                                                                                                                                                                                                                                                                                                                                                        |
| <b>AA Sequence</b>      | MNRHHLQDHFLEIDKKNCCVFRDDFIVKVLPPVLGLEFIFGLLGNGLALWIFCFHLKS<br>WKSSRIFLFNLAVADFLLIICLPFLMDNYVRRWDWKFGDIPCRMLFMLAMNRQGSII<br>FLTVAVDTRYFRVVHPHALNKISNRTAAIISCLLWGITIGLTVHLLKKKMPIQNGGAN<br>LCSSFSICHTFQWHEAMFLEFFLPLGIILFCSARIWLSLRQRQMDRHAKIKRAITFIMV<br>VAIVFVICFLPSVVVRIRIFWLLHTSGTQNCVEYRSVDLAFFITLSFTYMNSMLDPVVY<br>YFSSPSFPNFFSTLINRCLQRKMTGEPDNNRSTSVELTGDPNPKTRGAPEALMANS |

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

EPWSPSYLGPTSP

**Purity** Greater than 85% as determined by SDS-PAGE.

## GENE INFORMATION

**Official Symbol** [HCAR2](#)

**Synonyms**

HCAR2; hydroxycarboxylic acid receptor 2; G protein coupled receptor 109A , GPR109A; HCA2; HM74A; niacin receptor 1; NIACR1; Puma g; PUMAG; nicotinic acid receptor; G protein-coupled receptor 109A; G-protein coupled receptor 109A; G protein-coupled receptor HM74a; G-protein coupled receptor HM74A; hydroxycarboxylic acid receptor 2; HM74a; HM74b; Puma-g; GPR109A;

**Gene ID** [338442](#)

**mRNA Refseq** [NM\\_177551](#)

**Protein Refseq** [NP\\_808219](#)

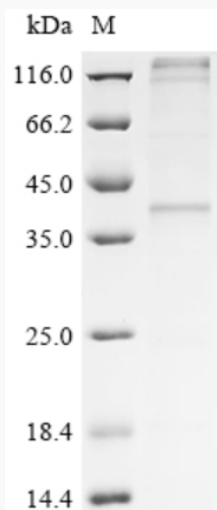
**MIM** [609163](#)

**UniProt ID** [Q8TDS4](#)

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**SDS-PAGE**

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