

Recombinant Full Length Human Hydroxycarboxylic Acid Receptor 3(Hcar3) Protein, His-Tagged

Cat. No. RFL20598HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human Hydroxycarboxylic acid receptor 3(HCAR3) Protein (P49019) (1-387aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Full Length (1-387)
Form	Lyophilized powder
AA Sequence	<p>MNRHHLQDHFLEIDKKNCCVFRDDFIKVLPPVLGLEFIFGLLGNGLALWIFCFHLKS</p> <p>WK SSRIFLFNLAVADFLLIICLPFVMDYYVRRSDWKFGDIPCRVLVLFMFAMNRQGSII</p> <p>FLTV VAVDRYFRVVHPHHALNKISNWTAAIISCLLWGITVGLTVHLLKKKLLIQNGPAN</p> <p>VCISF SICTFRWHEAMFLLLEFLLPLGIILFCSARIIWSLRQRQMDRHAKIKRAITFIMV</p> <p>VAIVF VICFLPSVVVRIRIFWLLHTSGTQNCDEVYRSVDLAFFITLSFTYMNSMLDPVVY</p> <p>YFSSPS FPNFFSTLINRCLQRKMTGEPDNNRSTSVELTGDPNKTRGAPEALMANS</p> <p>EPWSPSYLGP TSNHHSKKGHCHQEPASLEKQLGCCIE</p>
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C

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	for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
GENE INFORMATION	
Gene Name	HCAR3
Synonyms	HCAR3; GPR109B; HCA3; HM74B; NIACR2; Hydroxycarboxylic acid receptor 3; G-protein coupled receptor 109B; G-protein coupled receptor HM74; G-protein coupled receptor HM74B; Niacin receptor 2; Nicotinic acid receptor 2
UniProt ID	P49019