

Recombinant Human HCAR1 Protein

Cat. No. HCAR1-5267H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GPR81 full-length ORF (NP_115943.1) recombinant protein without tag.
Species	Human
Source	Wheat Germ
Description	G protein-coupled receptors (GPCRs, or GPRs), such as GPR81, contain 7 transmembrane domains and transduce extracellular signals through heterotrimeric G proteins.[supplied by OMIM
Form	Liquid
Molecular Mass	39.3 kDa
AA Sequence	MYNGSCCRIEGDTISQVMPPLLIVAFVLGALGNGVALCGFCFHMKTWKPSTVYLFNL AVADFLLMICLPFRTDYLLRRRHWAFGDIPCRVGLFTLAMNRAGSIVFLTVVAADRYF KVVHPHHAVNTISTRVAAGIVCTLWALVILGTVYLLLENHLCVQETAVSCSFIMESA NGWHDIMFQLEFFMPLGIILFCSFKIVWSLRRRQQLARQARMKKATRFIMVVAIVFIT CYLPSVSARLYFLWTPSSACDPSVHGALHITLSFTYMNSMLDPLVYYFSSPSFPKF YNKLKICSLKPKQPGHSKTQRPEEMPISNLGRRSCISVANSFQSQSDGQWDPHIVE WH
Applications	Antibody Production Functional Study Compound Screening

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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	HCAR1 hydroxycarboxylic acid receptor 1 [Homo sapiens (human)]
Official Symbol	HCAR1
Synonyms	HCAR1; hydroxycarboxylic acid receptor 1; HCA1; GPR81; LACR1; FKSG80; GPR104; TAGPCR; TA-GPCR; hydroxycarboxylic acid receptor 1; G protein-coupled receptor 104; G-protein coupled receptor 81; T-cell activation G protein-coupled receptor; hydroxy-carboxylic acid receptor 1; lactate receptor 1
Gene ID	27198
mRNA Refseq	NM_032554
Protein Refseq	NP_115943
MIM	606923
UniProt ID	Q9BXC0

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