

# Recombinant Full Length Human GPR31 Protein

**Cat. No.** GPR31-5533HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human GPR31 full-length ORF (NP_005290.1) recombinant protein without tag.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	525 amino acids
<b>Description</b>	GPR31 (G Protein-Coupled Receptor 31) is a Protein Coding gene. Among its related pathways are Peptide ligand-binding receptors and Signaling by GPCR. GO annotations related to this gene include G-protein coupled receptor activity. An important paralog of this gene is HCAR3.
<b>Form</b>	Liquid
<b>Molecular Mass</b>	35.1 kDa
<b>AA Sequence</b>	MPFPNCSAPSTVVATAVGVLLGLECGLGLLGNAVALWTFLFRVRVWKPYAVYLLNL ALADLLLAACLPFLAAFYLSLQAWHLGRVGCWALRFLDLRSRSGMAFLAAVALDRY LRVVHPRLKVNLLSPQAALGVSGLVWLLMVALTCPGLLISEAAQNSTRCHSFYSRAD GSFSIIWQEALSCLQFVLPFGLIVFCNAGIIRALQKRLREPEKQPKLQRAQALVTLVVV LFALCFLPCFLARVLMHIFQNLGSCRALCAVAHTSDVTGSLTYLHSVLPVVVYCFSSP TFRSSYRRVFHTLRGKGQAAEPPDFNPRDSYS
<b>Applications</b>	Antibody Production

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	Functional Study Compound Screening
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	25 mM Tris-HCl of pH8.0 containing 2% glycerol.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	GPR31 G protein-coupled receptor 31 [ Homo sapiens ]
<b>Official Symbol</b>	GPR31
<b>Synonyms</b>	GPR31; G protein-coupled receptor 31; 12-(S)-hydroxy-5,8,10,14-eicosatetraenoic acid receptor; 12 (S) HETE acid receptor; 12 HETER; HETER1; hydroxyeicosatetraenoic (HETE) acid receptor 1; 12-(S)-HETE receptor; 12-(S)-HETE acid receptor; G-protein coupled receptor 31; probable G-protein coupled receptor 31; bA517H2.2 (G protein-coupled receptor 31); 12-(S)-hydroxy-5,8,10,14-eicosatetraenoic acid (HETE) receptor; HETER; 12-HETER;
<b>Gene ID</b>	2853
<b>mRNA Refseq</b>	NM_005299
<b>Protein Refseq</b>	NP_005290
<b>MIM</b>	602043
<b>UniProt ID</b>	O00270

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