Recombinant Human GPR31 Protein, GST-tagged

Cat. No. GPR31-5232H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GPR31 full-length ORF (NP_005290.1, 1 a.a. - 319 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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.
Molecular Mass	61.5 kDa
AA Sequence	MPFPNCSAPSTVVATAVGVLLGLECGLGLLGNAVALWTFLFRVRVWKPYAVYLLNL ALADLLLAACLPFLAAFYLSLQAWHLGRVGCWALRFLLDLSRSVGMAFLAAVALDRY LRVVHPRLKVNLLSPQAALGVSGLVWLLMVALTCPGLLISEAAQNSTRCHSFYSRAD GSFSIIWQEALSCLQFVLPFGLIVFCNAGIIRALQKRLREPEKQPKLQRAQALVTLVVV LFALCFLPCFLARVLMHIFQNLGSCRALCAVAHTSDVTGSLTYLHSVLNPVVYCFSSP TFRSSYRRVFHTLRGKGQAAEPPDFNPRDSYS
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

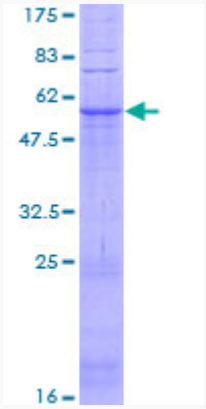
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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	GPR31 G protein-coupled receptor 31 [Homo sapiens]
Official Symbol	GPR31
Synonyms	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;
Gene ID	2853
mRNA Refseq	NM_005299
Protein Refseq	NP_005290
MIM	602043
UniProt ID	O00270

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Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue.

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