Recombinant Human GPBAR1 protein, GST-tagged

Cat. No. GPBAR1-10H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GPBAR1(1 a.a. - 330 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
ProteinLength	1 a.a. - 330 a.a.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	62.04 kDa
AA Sequence	MTPNSTGEVPSPIPKGALGLSLALASLIITANLLLALGIAWDRRLRSPPAGCFFLSLLLA GLLTGLALPTLPGLW NQSRRGYWSCLLVYLAPNFSFLSLLANLLLVHGERYMAVLR PLQPPGSIRLALLLTWAGPLLFASLPALGWNHWT PGANCSSQAIFPAPYLYLEVYGL LLPAVGAAAFLSVRVLATAHRQLQDICRLERAVCRDEPSALARALTWRQARA QAGA MLLFGLCWGPYVATLLLSVLAYEQRPPLGPGTLLSLLSLGSASAAAVPVAMGLGDQ RYTAPWRAAAQRCLQ GLWGRASRDSPGPSIAYHPSSQSSVDLDLN
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Notes	Best use within three months from the date of receipt of this protein.

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Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	GPBAR1 G protein-coupled bile acid receptor 1 [Homo sapiens]
Official Symbol	GPBAR1
Synonyms	BG37; TGR5; M-BAR; GPCR19; GPR131
Gene ID	151306
mRNA Refseq	NM_170699.2
Protein Refseq	NP_733800.1
MIM	610147
UniProt ID	Q8TDU6
Chromosome Location	2q35
Pathway	Class A/1 (Rhodopsin-like receptors), organism-specific biosystem;G alpha (s) signalling events, organism-specific biosystem;GPCR downstream signaling, organism-specific biosystem;GPCR ligand binding, organism-specific biosystem;Signal Transduction, organism-specific biosystem;Signaling by GPCR, organism-specific biosystem;
Function	G-protein coupled receptor activity;

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