

Recombinant Human GPBAR1 protein, His-tagged

Cat. No. GPBAR1-2920H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GPBAR1 protein(250-330 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	250-330 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	AYEQRPPPLGPGTLLSLLSLGSASAAVPVAMGLGDQRYTAPWRAAAQRCLQGLWG RASRDSPGPSIAYHPSSQSSVDLDLN
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term

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storage.

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

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