

Recombinant Full Length Human G-Protein Coupled Bile Acid Receptor 1(Gpbar1) Protein, His-Tagged

Cat. No. RFL24499HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human G-protein coupled bile acid receptor 1(GPBAR1) Protein (Q8TDU6) (1-330aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Full Length (1-330)
Form	Lyophilized powder
AA Sequence	MTPNSTGEVPSPPIPKGALGLSLALASLIITANLLLALGIAWDRRLRSPAGCFFLSLLLA GLLTGLALPTLPLGLWNQSRRGYWSCLLVYLAPNFSFLSLLANLLLVHGERYMAVLRP LQP PGSIRLALLLTWAGPLLFASLPALGWNHWTPGANCSSQAIFPAPYLYLEVYGLL LPAVGA AAFLSVRVLATAHRQLQDICRLERAVCRDEPSALARALTWRQARAQAGA MLLFGLCWGPY VATLLLSVLAYEQRPPLGPGTLLSLLSLGSASAAAVPVAMGLGDQ RYTAPWRAAAQRCLQ GLWGRASRDSPGPSIAYHPSSQSSVDLDLN
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid

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repeated freeze-thaw cycles.

Storage Buffer Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Reconstitution We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name GPBAR1

Synonyms GPBAR1; TGR5; G-protein coupled bile acid receptor 1; G-protein coupled receptor GPCR19; hGPCR19; Membrane-type receptor for bile acids; M-BAR; hBG37; BG37

UniProt ID [Q8TDU6](#)

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