

Recombinant Human GPRC5B protein, GST-tagged

Cat. No. GPRC5B-1846H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GPRC5B protein(293-331 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	293-331 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	HCTLLPALQENTPNYFDTSQPRMRETAFEEDVQLPRAYM
Purity	95%, 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 µg/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

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GENE INFORMATION

Gene Name	GPRC5B G protein-coupled receptor, family C, group 5, member B [Homo sapiens]
Official Symbol	GPRC5B
Synonyms	GPRC5B; G protein-coupled receptor, family C, group 5, member B; G protein coupled receptor, family C, group 1, member B; G-protein coupled receptor family C group 5 member B; RAIG 2; A-69G12.1; retinoic acid-induced gene 2 protein; retinoic acid responsive gene protein; G protein-coupled receptor, family C, group 1, member B; RAIG2; RAIG-2;
Gene ID	51704
mRNA Refseq	NM_016235
Protein Refseq	NP_057319
MIM	605948
UniProt ID	Q9NZH0

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