

Recombinant Human GPRC5C protein, His-tagged

Cat. No. GPRC5C-3701H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GPRC5C protein(301-433 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	301-433 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	SQVTKSSPEQSYQGDMYPTRGVGYETILKEQKGQSMFVENKAFSMDEPVAAKRPV SPYSGYNGQLLTSVYQPTMALMHKVPSEGAYDIILPRATANSQVMGSANSTLRAE DMYSAQSHQAATPPKDGKNSQV
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 µg/µl in 200 µl sterile water for short-term storage.

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name GPRC5C G protein-coupled receptor, family C, group 5, member C [Homo sapiens]

Official Symbol GPRC5C

Synonyms GPRC5C; G protein-coupled receptor, family C, group 5, member C; G-protein coupled receptor family C group 5 member C; RAIG 3; orphan G-protein coupled receptor; retinoic acid-induced gene 3 protein; retinoic acid responsive gene protein; RAIG3; RAIG-3; MGC131820;

Gene ID 55890

mRNA Refseq NM_018653

Protein Refseq NP_061123

MIM 605949

UniProt ID Q9NQ84

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