

Recombinant Human GPRC5B Protein

Cat. No. GPRC5B-5285H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GPRC5B full-length ORF (NP_057319.1) recombinant protein without tag.
Species	Human
Source	Wheat Germ
Description	The protein encoded by this gene is a member of the type 3 G protein-coupled receptor family. Members of this superfamily are characterized by a signature 7-transmembrane domain motif. The specific function of this protein is unknown; however, this protein may mediate the cellular effects of retinoic acid on the G protein signal transduction cascade. [provided by RefSeq]
Form	Liquid
Molecular Mass	44.8 kDa
AA Sequence	MFVASERKMRAHQVLTFLLLFVITSVASENASTSRGCGLDLLPQYVSLCDLDAIWGIV VEAVAGAGALITLLMLILLVRLPFIKEKEKKSPVGLHFLFLLGTLGLFGLTFAFIIQEDE TICSVRRFLWGVLFALCFSCLLSQAWRVRRRLVRHGTGPAGWQLVGLALCLMLVQVII AVEWLVLTVLRDTRPACAYEPMDFVMALIYDMVLLVVTGLALFTLCGKFKRWKLN AFLITAFLSVLIWVAWMTMYLFGNVKLQQGDAWNPDLTALTAASGWVVFVIFHAPEI HCTLLPALQENTPNYFDTSQPRMRETAFEEDVQLPRAYMENKAFSMDEHNAALRTA GFPNGSLGKRPSGSLGKRPSAPFRSNVYQPTEMAVVLNGGTIPTAPPSHTGRHLW
Applications	Enzyme-linked Immunoabsorbent Assay

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	Western Blot (Recombinant protein) Antibody Production Protein Array
Usage	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	25 mM Tris-HCl of pH8.0 containing 2% glycerol.

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

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MIM	605948
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UniProt ID	Q9NZH0
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