

## Recombinant Human GPRC5B Protein, GST-tagged

**Cat. No.** GPRC5B-5286H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human GPRC5B full-length ORF ( AAH34467, 29 a.a. - 403 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	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]
<b>Molecular Mass</b>	66.99 kDa
<b>AA Sequence</b>	ENASTSRGCGLDLLPQYVSLCDLDAIWGIVVEAVAGAGALITLLLMLILLVRLPFIKEKE KKSPVGLHFLFLLGTLGLFGLTFAFIIQEDETICSVRRFLWGVLFCALCFSCLLSQAWRV RRLVRHGTGPAGWQLVGLALCLMLVQVIIAVEWLVLTVLRDTRPACAYEPMDFVMA LIYDMVLLVVTGLALFTLCGKFKRWKLNQAFLLITAFLSVLIWVAWMTMYLFGNVKL QQGDAWNDPTLAITLAASGWVVFVIFHAPEIHCTLLPALQENTPNCFDTSQPRMRET AFEEDVQLPRAYMENKAFSMDEHNAALRTAGFPNGSLGKRPSGSLGKRPSAPFRS NVYQPTEMAVVLNGGTIPTAPPSHTGRHLW
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	GPRC5B G protein-coupled receptor, family C, group 5, member B [ Homo sapiens ]
<b>Official Symbol</b>	GPRC5B
<b>Synonyms</b>	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;
<b>Gene ID</b>	51704
<b>mRNA Refseq</b>	NM_016235
<b>Protein Refseq</b>	NP_057319
<b>MIM</b>	605948
<b>UniProt ID</b>	Q9NZH0

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**Quality Control  
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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