

Recombinant Full Length Human GPRC5B Protein, GST-tagged

Cat. No. GPRC5B-5544HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Human GPRC5B full-length ORF (AAH34467, 29 a.a. - 403 a.a.) recombinant protein with GST-tag at N-terminal.

Species

Human

Source

In Vitro Cell Free System

ProteinLength

29-403 amino acids

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]

Molecular Mass

66.99 kDa

AA Sequence

ENASTSRGCGLDLLPQYVSLCDLDAIWGIVVEAVAGAGALITLLLMLILLVRLPFIKEKE
 KKSPVGLHFLFLLGTLGLFGLTFAFIIQEDETICSVRRFLWGVLFALCFSCLLSQAWRV
 RRLVRHGTGPAGWQLVGLALCLMLVQVIIAVEWLVLTVLRDTRPACAYEPMDFVMA
 LIYDMVLLVVTGLALFTLCGKFKRWKLNQAFLLITAFSLVIWVAWMTMYLFGNVKL
 QQGDAWNDPTLAITLAASGWVVFVIFHAPEIHCTLLPALQENTPNCFDTSQPRMRET
 AFEEDVQLPRAYMENKAFSMDEHNAALRTAGFPNGSLGKRPSGSLGKRPSAPFRS
 NVYQPTEMAVVLNGGTIPTAPPSHTGRHLW

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
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	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
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

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UniProt ID

Q9NZH0

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