

Proteoliposomes

Full-Length

GPRC5C (Human) Recombinant Protein

Catalog # H00055890-G01

Size 10 ug

Specification

Product Description

Human GPRC5C full-length ORF (NP_061123.3) recombinant protein without tag.
This product is belong to Proteoliposome (PL).

Sequence

MGTQPEPGLGARMAIHKALVMCLGLPLFLFPGAWAQGHVPPGCSQGLNPLYNLCDRSGAWGI
VLEAVAGAGVTTFFVLTILVASLPFVQDTKKRSLGLTQVFFLLGLGLFCLVFACVVKPDFSTCAS
RRFLFGVLFAICFSCLAHVFAFNFLARKNHGPRGWVIFTVALLLTLVEVIINTEWLIITLVRSGEGG
PQGNSSAGWAVASPCAIAANMDFVMALIYVMLLLLGAFLGAWPALCGRYKRWRKHGVFVLLTTAT
SVAIWVVWVMYTYGNKQHNSPTWDDPTLAIALAANAWAFVLFYVPEVSQVTKSSPEQSYQGDM
YPTRGVGYETILKEQKGQSMFVENKAFSMDEPVAAKRPVSPYSGYNGQLLTSVYQPTMALMHK
VPSEGAYDIILPRATANSQVMGSANSTLRAEDMYSAQSHQAATPPKDGKNSQVFRNPYVWD

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

49.4

Form

Liquid

Preparation Method

[in vitro wheat germ expression system with proprietary liposome technology](#)

Purification

None

Recommend Usage

Heating may cause protein aggregation. Please do not heat this product before electrophoresis.

Storage Buffer

25 mM Tris-HCl of pH8.0 containing 2% glycerol.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Antibody Production

Gene Info — GPRC5C

Entrez GeneID [55890](#)**GeneBank Accession#** [NM_018653.3](#)**Protein Accession#** [NP_061123.3](#)**Gene Name** GPRC5C**Gene Alias** MGC131820, RAIG-3, RAIG3**Gene Description** G protein-coupled receptor, family C, group 5, member C**Omim ID** [605949](#)**Gene Ontology** [Hyperlink](#)

Gene Summary 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. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations G protein-coupled receptor family C, group 5, member C|orphan G-protein coupled receptor|retinoic acid responsive gene protein