

PRODUCT INFORMATION

Target GPRC5C **Synonyms** RAIG-3

Recombinant human GPRC5C protein with C-**Description**

terminal mouse Fc tag

Delivery In Stock **Uniprot ID** Q9NQ84 **Expression Host HEK293**

Tag C-Mouse Fc Tag

Molecular

Background

GPRC5C(Val27-Gly50) mFc(Pro99-Lys330) Characterization

The protein has a predicted molecular mass of

28.8 kDa after removal of the signal peptide. The apparent molecular mass of GPRC5C-mFc is **Molecular Weight** approximately 25-35 kDa due to glycosylation. The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution. Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store

Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

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

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this gene. [provided by RefSeq, Jul 2008]

Usage Research use only Conjugate Unconjugated







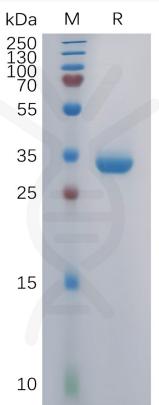


Figure 1. Human GPRC5C Protein, mFc Tag on SDS-PAGE under reducing condition.

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