

## 32-17967: Recombinant Human GPRC5B Protein, mFc Tag

**Uniprot ID :** Q9NZH0  
**Alternative Name :** A-69G12.1, RAIG-2

### Description

Molecular Characterization: GPRC5B(Thr33-Gly56) mFc(Pro99-Lys330)

Molecular weight: The protein has a predicted molecular mass of 28.8 kDa after removal of the signal peptide. The apparent molecular mass of GPRC5B-mFc is approximately 25-35 kDa due to glycosylation.

Description: Recombinant human GPRC5B protein with C-terminal mouse Fc tag

This gene encodes 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 encoded protein may modulate insulin secretion and increased protein expression is associated with type 2 diabetes. Alternative splicing results in multiple transcript variants.

### Product Info

**Amount :** 100 µg / 50 µg

**Content :** Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.

**Storage condition :** 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 at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.