

PRODUCT INFORMATION

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| Target | GPRC5B |
| Synonyms | A-69G12.1;RAIG-2 |
| Description | Recombinant human GPRC5B protein with C-terminal mouse Fc tag |
| Delivery | In Stock |
| Uniprot ID | Q9NZH0 |
| Expression Host | HEK293 |
| Tag | C-Mouse Fc Tag |
| 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. |
| Purity | The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining. |
| Formulation & Reconstitution | Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. |
| Storage & Shipping | 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. |
| Background | 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. [provided by RefSeq, Feb 2015] |
| Usage | Research use only |
| Conjugate | Unconjugated |



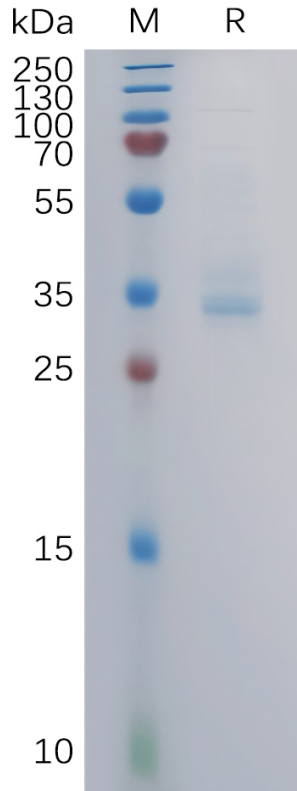


Figure 1. Human GPRC5B Protein, mFc Tag on SDS-PAGE under reducing condition.

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