

PRODUCT INFORMATION

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| Target | GPRC5A |
| Synonyms | PEIG-1;RAIG-1 |
| Description | Recombinant human GPRC5A protein with C-terminal mouse Fc tag |
| Delivery | In Stock |
| Uniprot ID | Q8NFJ5 |
| Expression Host | HEK293 |
| Tag | C-Mouse Fc Tag |
| Molecular Characterization | GPRC5A(Met1-Thr33) mFc(Pro99-Lys330) |
| Molecular Weight | The protein has a predicted molecular mass of 29.9 kDa after removal of the signal peptide. The apparent molecular mass of GPRC5A-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-coupling receptor family, characterized by the signature 7-transmembrane domain motif. The encoded protein may be involved in interaction between retinoid acid and G protein signalling pathways. Retinoic acid plays a critical role in development, cellular growth, and differentiation. This gene may play a role in embryonic development and epithelial cell differentiation. [provided by RefSeq, Jul 2008] |
| Usage | Research use only |
| Conjugate | Unconjugated |



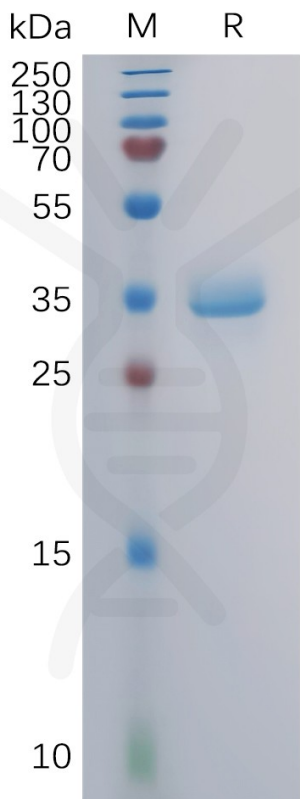


Figure 1. Human GPRC5A Protein, mFc Tag on SDS-PAGE under reducing condition.

