PRODUCT INFORMATION

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

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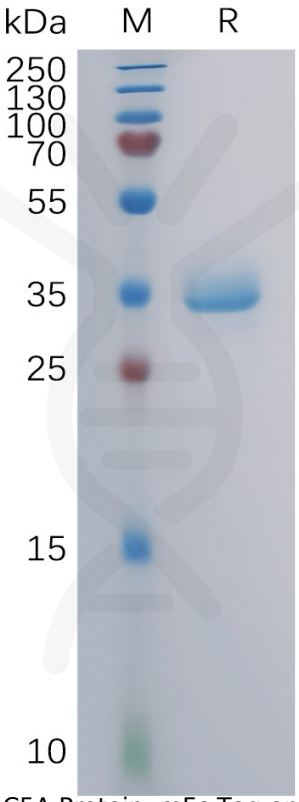


Figure 1. Human GPRC5A Protein, mFc Tag on SDS-PAGE under reducing condition.

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