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Datasheet for ABIN7491151 GPRC5A Protein (mFc Tag)

Overview

Quantity:	100 µg
Target:	GPRC5A
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GPRC5A protein is labelled with mFc Tag.

Product Details

Purpose:	Recombinant human GPRC5A protein with C-terminal mouse Fc tag
Specificity:	GPRC5A (Met1-Thr33) mFc (Pro99-Lys330)
Characteristics:	Extracellular Domain Protein
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	GPRC5A
Alternative Name:	GPRC5A (GPRC5A Products)
Background:	PEIG-1, RAIG-1 Description: 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

Target Details

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]

Molecular Weight: predicted molecular mass of 29.9 kDa after removal of the signal peptide. The apparent molecular mass of GPRC5A-mFc is 25-35 kDa due to glycosylation.

UniProt: [Q8NFJ5](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C, -80 °C

Storage Comment: 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.

Expiry Date: 12 months