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Datasheet for ABIN7491155 GPRC5C Protein (mFc Tag)

Overview

Quantity:	100 µg
Target:	GPRC5C
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GPRC5C protein is labelled with mFc Tag.

Product Details

Purpose:	Recombinant human GPRC5C protein with C-terminal mouse Fc tag
Specificity:	GPRC5C (Val27-Gly50) 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:	GPRC5C
Alternative Name:	GPRC5C (GPRC5C Products)
Background:	<p>RAIG-3</p> <p>Description: The protein encoded by this gene is 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 specific function of this protein is unknown, however, this</p>

Target Details

	protein may mediate the cellular effects of retinoic acid on the G protein signal transduction cascade. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Molecular Weight:	predicted molecular mass of 28.8 kDa after removal of the signal peptide. The apparent molecular mass of GPRC5C-mFc is 25-35 kDa due to glycosylation.
UniProt:	Q9NQ84

Application Details

Restrictions:	For Research Use only
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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