

PRODUCT INFORMATION

ributeValueDescription in C:\wwwroot\mirror.dimabio.com\wp-content\plugins\woocommerce-print-ce-print-products-public.php on line 2806 Tag

RAIG-3; RAIG3

Human GPRC5C-Strep full length protein-synthetic nanodisc

In Stock Delivery Uniprot ID O9NO84 HEK293 **Expression Host**

Protein Families Druggable Genome, GPCR, Transmembrane

Protein Pathways

The human full length GPRC5C-Strep protein has a MW of 48.2 kDa

Formulation & Reconstitution

Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. Store at -20°C to -80°C for I2 months in Joyahirac form. After constitution, 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. The protein 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 protein may mediate the cellular effects of retinoic acid on the G protein signal transduction cascade. Storage & Shipping

Usage arch use only Conjugate Unconjugated

ELISA assay to evaluate GPRC5C-Strep-Nanodisc 0.2µg Human GPRC5C-Strep-Nanodisc per well

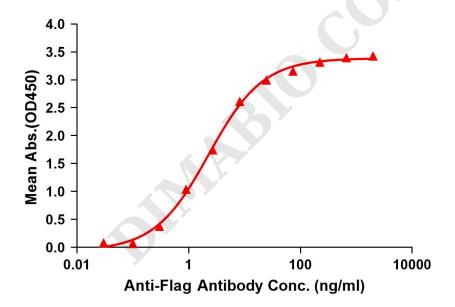


Figure 1. Elisa plates were pre-coated with C-Flag&Strep Tag GPRC5C-Strep-Nanodisc ($0.2\mu g/per$ well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with GPRC5C-Strep-nanodisc is 2.291ng/ml.

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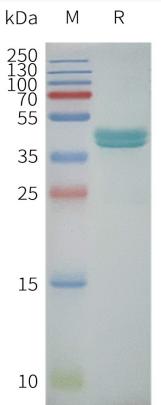


Figure 2. Human GPRC5C-Strep-Nanodisc, C-Flag&Strep Tag on SDS-PAGE

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