PRODUCT INFORMATION

C-Flag&Strep Tag Tag

PACR Target

Synonyms PAC1; PAC1R; PACAPR; PACAPRI

Human PACR-Strep full length protein-synthetic **Description**

nanodisc **Delivery** In Stock **Uniprot ID** P41586 **Expression Host HEK293**

Protein Families Druggable Genome, GPCR, Transmembrane

Protein Pathways Neuroactive ligand-receptor interaction

The human full length PACR-Strep protein has a **Molecular Weight**

MW of 53.3 kDa

Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before Formulation & Reconstitution lyophilization. Please see Certificate of Analysis

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). Storage & Shipping Lyophilized proteins are shipped at ambient

temperature.

Type I adenylate cyclase activating polypeptide receptor, which is a membrane-associated protein and shares significant homology with members of the glucagon/secretin receptor family. This receptor mediates diverse biological actions of

adenylate cyclase activating polypeptide 1 and is

Email: info@dimabio.com Website: www.dimabio.com

positively coupled to adenylate cyclase.

Usage Research use only Conjugate Unconjugated

Background



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

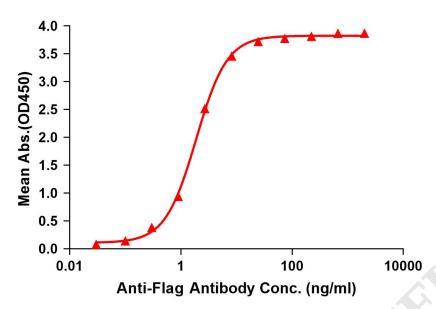


Figure 1. Elisa plates were pre-coated with C-Flag&Strep Tag PACR-Strep-Nanodisc (0.2 μ g/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with PACR-Strep-nanodisc is 1.887ng/ml.



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

Address: Wuhan institute of Biotechnology B7, Biolake No.666 Gaoxin Road, Wuhan, Hubei, China Telephone: +1 2409940618(USA) /+86-18062749453(China) /+86-400-006-0995(China)

Email: info@dimabio.com Website: www.dimabio.com

