Cat. No. FLP100175



PRODUCT INFORMATION

C-Flag Tag Tag **Target** ACKR1

CCBP1; CD234; DARC; DARC/ACKR1; Dfy; FY; **Synonyms**

GPD; GpFy; WBCQ1

Human ACKR1 full length protein-synthetic **Description**

nanodisc In Stock

Delivery Uniprot ID Q16570 **HEK293 Expression Host**

Protein Families Druggable Genome, GPCR, Transmembrane

Protein Pathways

Formulation &

Reconstitution

Storage & Shipping

The human full length ACKR1 protein has a MW of **Molecular Weight**

35.6 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 lyophilization. Please see Certificate of Analysis for specific instructions. Lyophilized from PBS. Normally 5% - 8% trehalose is added as

protectants before lyophilization. Please see Certificate of Analysis for specific instructions. Do not use solvents with pH lower than 6.5 in

subsequent experiments.

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.

The protein is a glycosylated membrane protein and a non-specific receptor for several

chemokines. The encoded protein is the receptor for the human malarial parasites Plasmodium vivax and Plasmodium knowlesi. Polymorphisms **Background**

in this gene are the basis of the Duffy blood group

system.

Usage Research use only

Conjugate Unconjugated







ELISA assay to evaluate ACKR1-Nanodisc 0.2µg Human ACKR1-Nanodisc per well

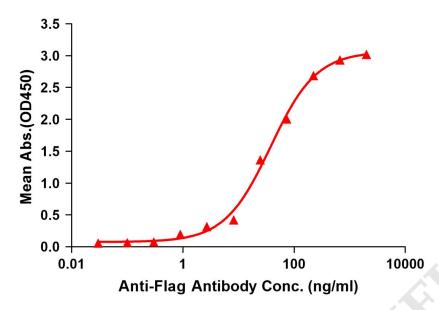


Figure 1. Elisa plates were pre-coated with Flag Tag ACKR1-Nanodisc ($0.2\mu g/per$ well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with ACKR1-Nanodisc is 37.84ng/ml.

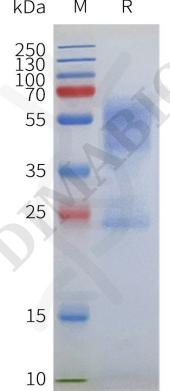


Figure 2. Human ACKR1-Nanodisc, Flag Tag on SDS-PAGE

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

