

PRODUCT INFORMATION

C-Flag&Strep Tag Tag

Target ACKR1

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

GPD; GpFy; WBCQ1

Human ACKR1-Strep 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-Strep protein has a **Molecular Weight**

MW of 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-Strep-Nanodisc 0.2µg Human ACKR1-Strep-Nanodisc per well

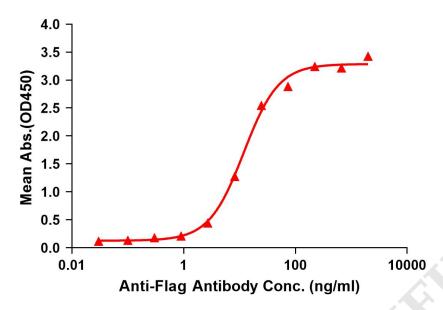


Figure 1. Elisa plates were pre-coated with C-Flag&Strep Tag ACKR1-Strep-Nanodisc (0.2 μ g/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with ACKR1-Strep-nanodisc is 11.96ng/ml.

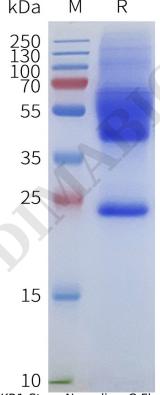


Figure 2. Human ACKR1-Strep-Nanodisc, C-Flag&Strep Tag on SDS-PAGE

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