PRODUCT INFORMATION

C-Flag Tag Tag ACKR1 **Target**

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

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% Formulation & - 8% trehalose is added as protectants before 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 Storage & Shipping 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

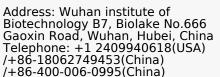
system.

Usage Research use only

Conjugate Unconjugated

Figure 1. Elisa plates were pre-coated with Flag Tag ACKR1-Nanodisc (0.2µg/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



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