

Datasheet for ABIN7596652

DARC Protein (DYKDDDDK Tag,Strep Tag)



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Overview

Quantity:	10 µg
Target:	DARC
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Synthetic Nanodisc
Purification tag / Conjugate:	This DARC protein is labelled with DYKDDDDK Tag,Strep Tag.
Application:	Immunogen (Imm), ELISA, Surface Plasmon Resonance (SPR), Phage Display (PhD), Cryogenic electron microscopy (cryo-EM)

Product Details

Purpose:	Human ACKR1-Strep full length protein-synthetic nanodisc
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Target Details

Target:	DARC
Alternative Name:	ACKR1 (DARC Products)
Background:	CCBP1, CD234, DARC, DARC/ACKR1, Dfy, FY, GPD, GpFy, WBCQ1 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 in this gene are the basis of the Duffy blood group system.
Molecular Weight:	The human full length ACKR1-Strep protein has a MW of 35.6 kDa

Target Details

UniProt: [Q16570](#)

Application Details

Comment:	Advantages:
	• Highly purified membrane proteins • High solubility in aqueous solutions • High stability • Proteins are in a native membrane environment and remain biologically active • No detergent and can be used for cell-based assays • No MSP backbone proteins • Mammalian cell expression system ensures post- translational modifications

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	Solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	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.
Expiry Date:	12 months
