

Datasheet for ABIN7596552

GPR77 Protein (DYKDDDDK Tag, Strep Tag)



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Overview

Quantity:	10 µg
Target:	GPR77
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Synthetic Nanodisc
Purification tag / Conjugate:	This GPR77 protein is labelled with DYKDDDDK Tag, Strep Tag.
Application:	ELISA, Surface Plasmon Resonance (SPR), Phage Display (PhD), Immunogen (Imm), Cryogenic electron microscopy (cryo-EM)

Product Details

Purpose:	Human C5AR2-Strep full length protein-synthetic nanodisc
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Target Details

Target:	GPR77
Alternative Name:	C5AR2 (GPR77 Products)
Background:	<p>C5L2, GPF77, GPR77</p> <p>This gene encodes a G-protein coupled receptor 1 family member involved in the complement system of the innate immune response. Unlike classical G-protein coupled receptors, the encoded protein does not associate with intracellular G-proteins. It may instead modulate signal transduction through the beta-arrestin pathway, and may alternatively act as a decoy receptor. This gene may be involved in coronary artery disease and in the pathogenesis of sepsis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov</p>

Target Details

	2012]
Molecular Weight:	The human full length C5AR2-Strep protein has a MW of 36.1 kDa
UniProt:	Q9P296

Application Details

Comment:	<p>Advantages:</p> <ul style="list-style-type: none">• 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

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:	<p>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).</p> <p>Lyophilized proteins are shipped at ambient temperature.</p>
Expiry Date:	12 months