

Datasheet for ABIN7596582

GPR65 Protein (DYKDDDDK Tag, Strep Tag)[Go to Product page](#)

Overview

Quantity:	10 µg
Target:	GPR65
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Synthetic Nanodisc
Purification tag / Conjugate:	This GPR65 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 GPR65-Strep full length protein-synthetic nanodisc
----------	--

Target Details

Target:	GPR65
Alternative Name:	GPR65 (GPR65 Products)
Background:	<p>HTDAG8, TDAG8</p> <p>Receptor for the glycosphingolipid psychosine (PSY) and several related glycosphingolipids (PubMed:11309421). Plays a role in immune response by maintaining lysosome function and supporting phagocytosis-mediated intracellular bacteria clearance (PubMed:27287411). May have a role in activation-induced cell death or differentiation of T-cells (By similarity).[UniProtKB/Swiss-Prot Function]</p>

Target Details

Molecular Weight:	The human full length GPR65-Strep protein has a MW of 39.3 kDa
UniProt:	Q8IYL9
Pathways:	cAMP Metabolic Process

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