

Datasheet for ABIN7596796

## GPR85 Protein (DYKDDDDK Tag, Strep Tag)



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### Overview

Quantity:	10 µg
Target:	GPR85
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Synthetic Nanodisc
Purification tag / Conjugate:	This GPR85 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 GPR85-Strep full length protein-synthetic nanodisc
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### Target Details

Target:	GPR85
Alternative Name:	GPR85 ( <a href="#">GPR85 Products</a> )
Background:	<p>SREB, SREB2</p> <p>Members of the G protein-coupled receptor (GPCR) family, such as GPR85, have a similar structure characterized by 7 transmembrane domains. Activation of GPCRs by extracellular stimuli, such as neurotransmitters, hormones, or light, induces an intracellular signaling cascade mediated by heterotrimeric GTP-binding proteins, or G proteins (Matsumoto et al., 2000 [PubMed 10833454]). [supplied by OMIM, Aug 2008]</p>

## Target Details

Molecular Weight: The human full length GPR85-Strep protein has a MW of 42 kDa

UniProt: [P60893](#)

## 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

## 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