

Datasheet for ABIN7596752

## GPR157 Protein (DYKDDDDK Tag, Strep Tag)



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### Overview

Quantity:	10 µg
Target:	GPR157 (GPR175)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Synthetic Nanodisc
Purification tag / Conjugate:	This GPR157 protein is labelled with DYKDDDDK Tag, Strep Tag.
Application:	ELISA, Cryogenic electron microscopy (cryo-EM), Immunogen (Imm), Phage Display (PhD), Surface Plasmon Resonance (SPR)

### Product Details

Purpose:	Human GPR157-Strep full length protein-synthetic nanodisc
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### Target Details

Target:	GPR157 (GPR175)
Alternative Name:	GPR157 ( <a href="#">GPR175 Products</a> )
Background:	G-protein coupled receptor 157 Orphan receptor that promotes neuronal differentiation of radial glial progenitors (RGPs). The activity of this receptor is mediated by a G(q)-protein that activates a phosphatidylinositol-calcium second messenger.[UniProtKB/Swiss-Prot Function]
Molecular Weight:	The human full length GP157-Strep protein has a MW of 36.6 kDa
UniProt:	<a href="#">Q5UAW9</a>

## Application Details

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Comment:	Advantages: <ul style="list-style-type: none"><li>• Highly purified membrane proteins</li><li>• High solubility in aqueous solutions</li><li>• High stability</li><li>• Proteins are in a native membrane environment and remain biologically active</li><li>• No detergent and can be used for cell-based assays</li><li>• No MSP backbone proteins</li><li>• Mammalian cell expression system ensures post- translational modifications</li></ul>
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Restrictions:	For Research Use only
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## Handling

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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