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Datasheet for ABIN7596749

## GP152 protein (DYKDDDDK Tag, Strep Tag)

### Overview

Quantity:	10 µg
Target:	GP152
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Synthetic Nanodisc
Purification tag / Conjugate:	DYKDDDDK Tag, Strep Tag
Application:	Cryogenic electron microscopy (cryo-EM), ELISA, Immunogen (Imm), Phage Display (PhD), Surface Plasmon Resonance (SPR)

### Product Details

Purpose: Human GP152-Strep full length protein-synthetic nanodisc

### Target Details

Target:	GP152
Background:	PGR5 Orphan receptor.[UniProtKB/Swiss-Prot Function]
Molecular Weight:	The human full length GP152-Strep protein has a MW of 51 kDa
UniProt:	<a href="#">Q8TDT2</a>

### Application Details

Comment: Advantages:

## Application Details

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- 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

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Restrictions: For Research Use only

## 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.

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Expiry Date: 12 months