

[Go to Product page](#)

## Datasheet for ABIN7491665 GPR65 Protein

### Overview

Quantity:	100 µg
Target:	GPR65
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Synthetic

### Product Details

Purpose:	Human GPR65 full length protein-synthetic nanodisc
Characteristics:	Full Length Transmembrane Proteins (synthetic Nanodisc)

### Target Details

Target:	GPR65
Alternative Name:	GPR65 ( <a href="#">GPR65 Products</a> )
Background:	<p>HTDAG8, TDAG8</p> <p>Description: 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>
Molecular Weight:	The human full length GPR65 protein has a MW of 39.3 kDa
UniProt:	<a href="#">Q8IYL9</a>

## Target Details

---

Pathways: [cAMP Metabolic Process](#)

## Application Details

---

Application Notes:

- Applications for VLPs:
- ELISA
- SPR affinity analysis
- Phage display screening
- Immunization
- Cell based assays
- CAR-T cell screening
- Protein crystal structure analysis

Comment: Synthetic Nanodisc can be prepared directly from the cells. The polymers used during this process have a dual function. It dissolves the cell membranes, like the detergent, and uses cellular phospholipids to form Nanodisc around the membrane proteins. The target protein embedded Nanodiscs can then be purified.

Restrictions: For Research Use only

## Handling

---

Format: Liquid

Buffer: Supplied in nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0)

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