

Datasheet for ABIN7597187

**GBRR3 Protein (DYKDDDDK Tag, Strep Tag)**[Go to Product page](#)

## Overview

Quantity:	10 µg
Target:	GBRR3 (GABRR3)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Synthetic Nanodisc
Purification tag / Conjugate:	This GBRR3 protein is labelled with DYKDDDDK Tag, Strep Tag.
Application:	Cryogenic electron microscopy (cryo-EM), ELISA, Immunogen (Imm), Phage Display (PhD), Surface Plasmon Resonance (SPR)

## Product Details

Purpose:	Human GBRR3-Strep full length protein-synthetic nanodisc
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## Target Details

Target:	GBRR3 (GABRR3)
Alternative Name:	GBRR3 ( <a href="#">GABRR3 Products</a> )
Background:	N/A  The neurotransmitter gamma-aminobutyric acid (GABA) functions in the central nervous system to regulate synaptic transmission of neurons. This gene encodes one of three related subunits, which combine as homo- or hetero-pentamers to form GABA(C) receptors. In humans, some individuals contain a single-base polymorphism (dbSNP rs832032) that is predicted to inactivate the gene product. [provided by RefSeq, Jan 2012]

## Target Details

Molecular Weight: The human full length GBRR3-Strep protein has a MW of 54.3 kDa

UniProt: [A8MPY1](#)

## 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