

[Go to Product page](#)

Datasheet for ABIN7596728

**GABBR1 Protein (DYKDDDDK Tag, Strep Tag)**

## Overview

Quantity:	10 µg
Target:	GABBR1
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Synthetic Nanodisc
Purification tag / Conjugate:	This GABBR1 protein is labelled with DYKDDDDK Tag, Strep Tag.
Application:	ELISA, Immunogen (Imm), Surface Plasmon Resonance (SPR), Phage Display (PhD), Cryogenic electron microscopy (cryo-EM)

## Product Details

Purpose: Human GABBR1-Strep full length protein-synthetic nanodisc

## Target Details

Target:	GABBR1
Alternative Name:	GABR1 ( <a href="#">GABBR1 Products</a> )
Background:	<p>GABABR1, GABBR1-3, GB1, GPRC3A</p> <p>This gene encodes a receptor for gamma-aminobutyric acid (GABA), which is the main inhibitory neurotransmitter in the mammalian central nervous system. This receptor functions as a heterodimer with GABA(B) receptor 2. Defects in this gene may underlie brain disorders such as schizophrenia and epilepsy. Alternative splicing generates multiple transcript variants, but the full-length nature of some of these variants has not been determined. [provided by RefSeq, Jan 2016]</p>

## Target Details

---

Molecular Weight:	The human full length GABR1-Strep protein has a MW of 108.3 kDa
UniProt:	<a href="#">Q9UBS5</a>
Pathways:	<a href="#">Positive Regulation of Peptide Hormone Secretion, cAMP Metabolic Process</a>

## Application Details

---

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>
----------	---

---

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