

## **PRODUCT INFORMATION**

iable \$hasAttributeValueDescription in Ct\wwwroot\mirror.dimabio.com\wp-content\plugins\woocommerce-print-woocommerce-print-products-public.php on line 2806 Tag

GABABR1; GABBR1-3; GB1; GPRC3A

Human GABR1-Strep full length protein-synthetic nanodisc

Delivery Uniprot ID O9UBS5 HEK293 **Expression Host** 

Protein Families Druggable Genome, GPCR, Secreted Protein, Transmembr Protein Pathways Neuroactive ligand-receptor interaction

Molecular Weigh The human full length GABR1-Strep protein has a MW of 108.3 kDa Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. Formulation & Reconstitution

yopnilization. Please see Letrincate of Analysis for specific instructions of reconstruction.

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.

A receptor for gamma-aminoburlyric 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.

Research use only Storage & Shipping

Usage

Conjugate Unconjugated

## ELISA assay to evaluate GABR1-Strep-Nanodisc 0.2µg Human GABR1-Strep-Nanodisc per well

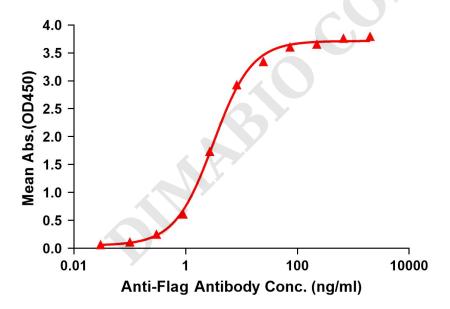


Figure 1. Elisa plates were pre-coated with C-Flag&Strep Tag GABR1-Strep-Nanodisc (0.2 $\mu$ g/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with GABR1-Strep-nanodisc is 3.134ng/ml.

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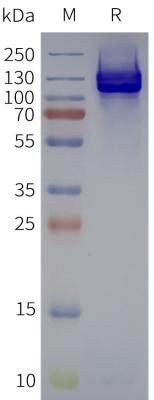


Figure 2. Human GABR1-Strep-Nanodisc, C-Flag&Strep Tag on SDS-PAGE

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