

PRODUCT INFORMATION

\$hasAttributeValueDescription in C:\wwwroot\mirror.dimabio.com\wp-content\plugins\woocommerce-printcommerce-print-products-public.php on line 2806

HHG; LCGR; LGR2; LH/CG-R; LH/CGR; LHR; LHRHR; LSH-R; ULG5 Human LSHR-Strep full length protein-synthetic nanodisc

Delivery Uniprot ID P22888 HEK293 **Expression Host**

Protein Families Druggable Genome, GPCR, Transmembrane

Calcium signaling pathway, Neuroactive ligand-receptor interaction

Formulation &

Calcium signaling pathway, Neuroactive ligand-receptor interaction
The human full length LSHR. Streep protein has a MW of 78.6 kbg
Lyophilized from nanodisc solubilization buffer (20 mM fris-HCI, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization. Hease see Certificate of Analysis for specific instructions. Do not use solvents with a pH below 6.5 or those containing high concentrations of divalent metal ions (greater than 5 mM) in subsequent experiments.

The receptor of divalent metal ions (greater than 5 mM) in subsequent experiments.

The receptor for both luteinizing hormone and choriogonadotropin. This receptor belongs to the G-protein coupled receptor 11 mily, and its activity is mediated by 6 proteins which activate adenylate cyclase. Mutations in this gene result in disorders of male secondary sexual character development, including familial male precoclous puberty, also known as testotoxicosis, hypogonadotropic hypogonadism, Leydig cell adenoma with precoclous Research uses and pseudotementaphiloticism with Leydig cell hypophisia.

Usage rch use only

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

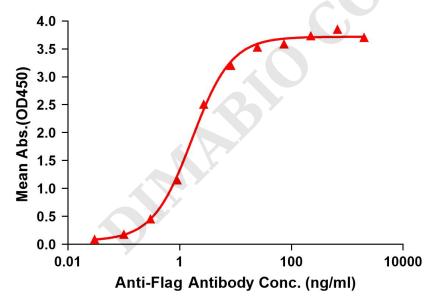


Figure 1. Elisa plates were pre-coated with C-Flag&Strep Tag LSHR-Strep-Nanodisc (0.2 μ g/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with LSHR-Strep-nanodisc is 1.672ng/ml.

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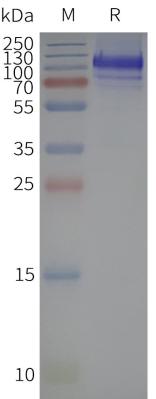


Figure 2. Human LSHR-Strep-Nanodisc, C-Flag&Strep Tag on SDS-PAGE

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