

PRODUCT INFORMATION

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

HH11; NK-3R; NK3; NKR; TAC3R; TAC3RL

Human NK3R-Strep full length protein-synthetic nanodisc

Delivery Uniprot ID P29371 HEK293 **Expression Host**

Protein Families Druggable Genome, GPCR, Transcription Factors, Transmembrane Protein Pathways Calcium signaling pathway, Neuroactive ligand-receptor interaction Molecular Weigh The human full length NK3R-Strep protein has a MW of 52.2 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

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.

This is a receptor for the tachylomin neuropeptible neuromedink floeurobine in B. is associated with G proteins that activate a phosphatidylinositol-second messenger system. The rank order of affinity of this receptor to tachylomins is: neuromedin-K > substance K > substance P. Research use of the control of the co Storage & Shipping Background

Conjugate Unconjugated

ELISA assay to evaluate NK3R-Strep-Nanodisc 0.2µg Human NK3R-Strep-Nanodisc per well

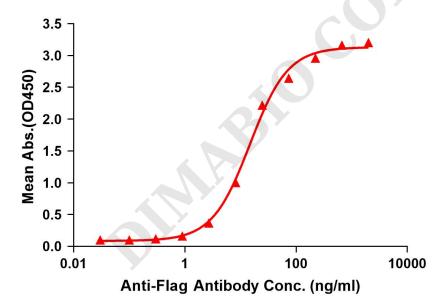


Figure 1. Elisa plates were pre-coated with C-Flag&Strep Tag NK3R-Strep-Nanodisc (0.2μg/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with NK3R-Strep-nanodisc is 14.87ng/ml.

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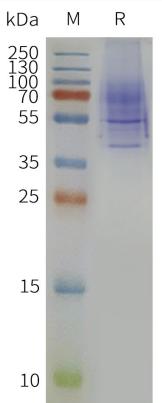


Figure 2. Human NK3R-Strep-Nanodisc, C-Flag&Strep Tag on SDS-PAGE

