

HUMAN NTSR1 FULL LENGTH PROTEIN

目录: 11112

产品名称: Human NTSR1 Full Length Protein

规格: 10 µg; 50 µg and 100 µg

基因符号: NTR

Target: NTSR1

UNIPROT ID: P30989

描述: Human NTSR1 Full Length Protein-Synthetic Nanodisc

背景: Neurotensin receptor 1 belongs to the large superfamily of G-protein coupled receptors. NTSR1 mediates the multiple functions of neurotensin, such as hypotension, hyperglycemia, hypothermia, antinociception, and regulation of intestinal motility and secretion.

Species/Host: HEK293

Molecular Weight: The human full length NTSR1 protein has a MW of 46.1 kDa

Formulation & Reconstitution: 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.

储存和运输: 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.

Protein Families: Druggable Genome, GPCR, Transmembrane

Protein Pathways: Calcium signaling pathway, Neuroactive ligand-receptor interaction

ELISA assay to evaluate NTSR1-Nanodisc 0.2µg Human NTSR1-Nanodisc per well

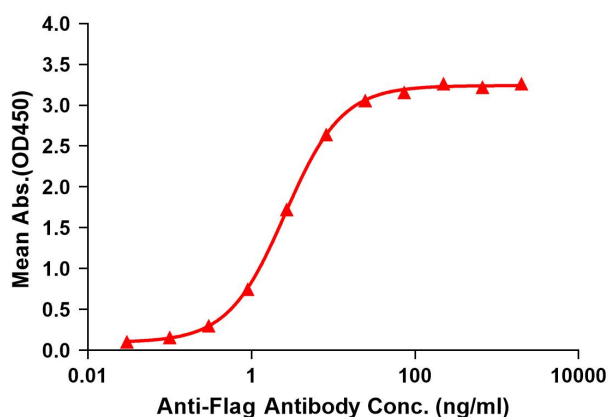


Figure 1. Elisa plates were pre-coated with Flag Tag NTSR1-Nanodisc (0.2µg/per well). Serial diluted Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for Flag monoclonal antibody binding with NTSR1-Nanodisc is 2.583ng/ml.



Figure 2. Human NTSR1-Nanodisc, Flag Tag on SDS-PAGE