

HUMAN P2RX7 FULL LENGTH PROTEIN

目录: 11030

产品名称: Human P2RX7 Full Length Protein

规格: 10 µg, 50 µg and 100 µg

基因符号: P2X7

Target: P2RX7

UNIPROT ID: Q99572

描述: Human P2RX7 full length protein-synthetic nanodisc

背景: The product of this gene belongs to the family of purinoceptors for ATP. This receptor functions as a ligand-gated ion channel and is responsible for ATP-dependent lysis of macrophages through the formation of membrane pores permeable to large molecules. Activation of this nuclear receptor by ATP in the cytoplasm may be a mechanism by which cellular activity can be coupled to changes in gene expression. Multiple alternatively spliced variants have been identified, most of which fit nonsense-mediated decay (NMD) criteria. [provided by RefSeq, Jul 2010]

Species/Host: HEK293

Molecular Weight: The human full length P2RX7 protein has a MW of 68.4 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.

ELISA assay to evaluate P2RX7-Nanodisc
0.2µg Human P2RX7-Nanodisc per well

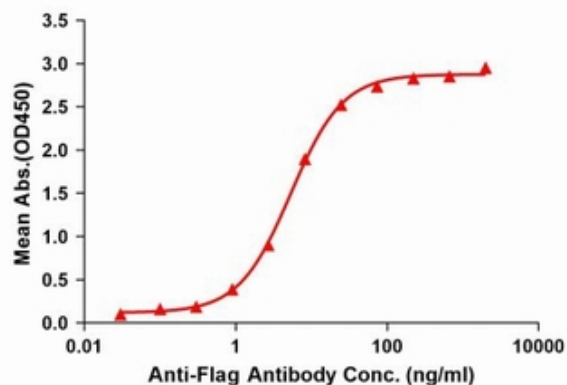


Figure1. Elisa plates were pre-coated with Flag Tag P2RX7-Nanodisc (0.2 µg/per well). Serial diluted Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for Flag monoclonal antibody binding with P2RX7-Nanodisc is 5.349ng/ml.



Figure2. Human P2RX7-Nanodisc, Flag Tag on SDS-PAGE