

HUMAN P2RX7 FULL LENGTH PROTEIN

货号: 11030

产品全名: 人 P2RX7 Full Length 蛋白

规格: 10/50/100 µg

基因符号 P2X7

目标蛋白: P2RX7

UNIPROT ID: Q99572

描述: 人 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]

物种/宿主: HEK293

分子量: 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.

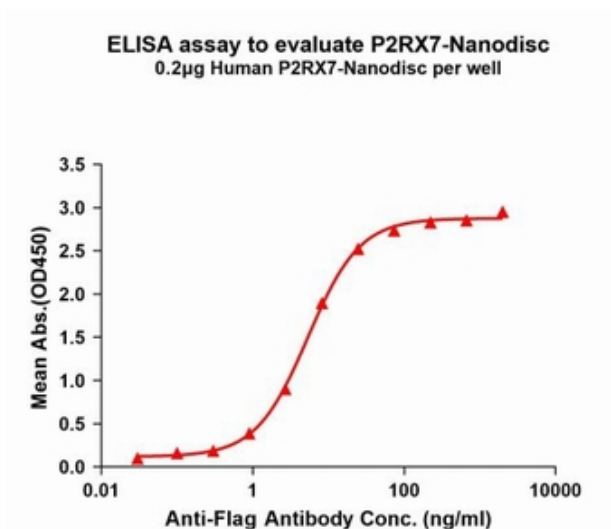


Figure1. Elisa plates were pre-coated with Flag Tag P2RX7-Nanodisc (0.2 µg/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with P2RX7-Nanodisc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

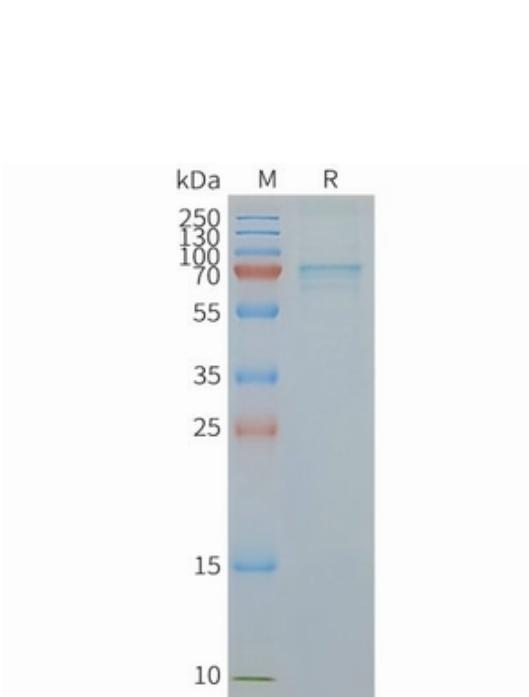


Figure2. Human P2RX7-Nanodisc, Flag Tag on SDS-PAGE