

HUMAN CD47 FULL LENGTH PROTEIN

目录: 11020

产品名称: Human CD47 Full Length Protein

规格: 10 µg, 50 µg and 100 µg

基因符号: IAP; MER6; OA3

Target: CD47

UNIPROT ID: Q08722

描述: Human CD47 full length protein-synthetic nanodisc

背景: A membrane protein involved in the increase in intracellular calcium concentration that occurs upon cell adhesion to extracellular matrix. The encoded protein is also a receptor for the C-terminal cell binding domain of thrombospondin, and it may play a role in membrane transport and signal transduction. This gene has broad tissue distribution, and is reduced in expression on Rh erythrocytes.

Species/Host: HEK293

Molecular Weight: The human full length CD47 protein has a MW of 35.2 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 CD47-Nanodisc
0.2µg Human CD47-Nanodisc per well

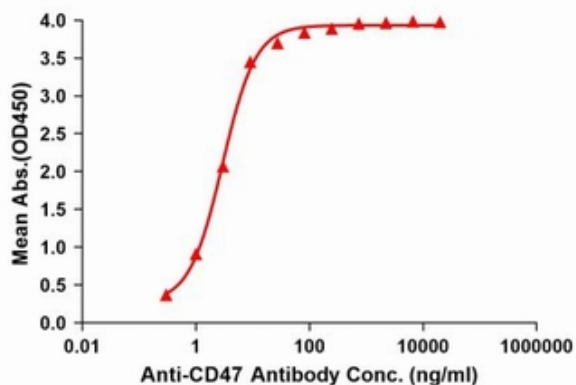


Figure1. Elisa plates were pre-coated with Flag Tag CD47-Nanodisc (0.2 µg/per well). Serial diluted CD47 monoclonal antibody (28058) solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for CD47 monoclonal antibody binding with CD47-Nanodisc is 2.959ng/ml.



Figure2. Human CD47-Nanodisc, Flag Tag on SDS-PAGE