

## HUMAN CD37 FULL LENGTH PROTEIN

目录: 11023

产品名称: Human CD37 Full Length Protein

规格: 10 µg, 50 µg and 100 µg

基因符号: GP52-40; TSPAN26

**Target:** CD37

**UNIPROT ID:** P11049

**描述:** Human CD37 full length protein-synthetic nanodisc

**背景:** The protein is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded protein is a cell surface glycoprotein that is known to complex with integrins and other transmembrane 4 superfamily proteins. It may play a role in T-cell-B-cell interactions. Alternate splicing results in multiple transcript variants encoding different isoforms.

**Species/Host:** HEK293

**Molecular Weight:** The human full length CD37 protein has a MW of 31.7 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 CD37-Nanodisc  
0.2µg Human CD37-Nanodisc per well

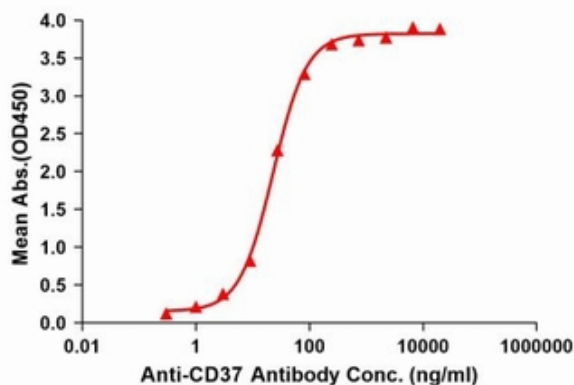


Figure1. Elisa plates were pre-coated with Flag Tag CD37-Nanodisc (0.2 µg/per well). Serial diluted CD37 monoclonal antibody (28055) solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for CD37 monoclonal antibody binding with CD37-Nanodisc is 23.06ng/ml.



Figure2. Human CD37-Nanodisc, Flag Tag on SDS-PAGE

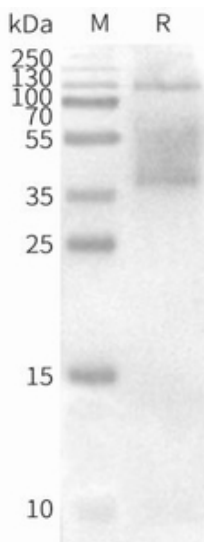


Figure3. WB analysis of Human CD37-Nanodisc with CD37 monoclonal antibody (28055), followed by Goat Human IgG HRP at 1/5000 dilution