

HUMAN CD63 FULL LENGTH PROTEIN

目录: 11013

产品名称: Human CD63 Full Length Protein

规格: 10 µg, 50 µg and 100 µg

基因符号: LAMP-3; ME49I; MLA1; OMA8IH; TSPAN30

Target: CD63

UNIPROT ID: P08962

描述: Human CD63 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. The encoded protein is a cell surface glycoprotein that is known to complex with integrins. It may function as a blood platelet activation marker. Deficiency of this protein is associated with Hermansky-Pudlak syndrome. Also this gene has been associated with tumor progression. Alternative splicing results in multiple transcript variants encoding different protein isoforms.

Species/Host: HEK293

Molecular Weight: The human full length CD63 protein has a MW of 25.6 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 CD63-Nanodisc
0.2µg Human CD63-Nanodisc per well

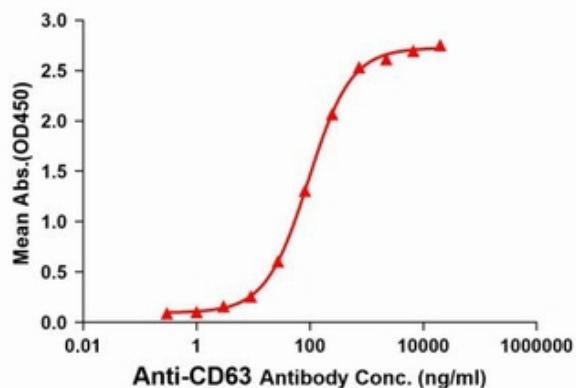


Figure1. Elisa plates were pre-coated with Flag Tag CD63-Nanodisc (0.2 µg/per well). Serial diluted CD63 monoclonal antibody (28219) solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for CD63 monoclonal antibody binding with CD63-Nanodisc is 94.22ng/ml.



Figure2. Human CD63-Nanodisc, Flag Tag on SDS-PAGE