

HUMAN CD151 FULL LENGTH PROTEIN

目录: 11052

产品名称: Human CD151 Full Length Protein

规格: 10 µg, 50 µg and 100 µg

基因符号: GP27; MER2; PETA-3; RAPH; SFA1; TSPAN24

Target: CD151

UNIPROT ID: P48509

描述: Human CD151 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 is involved in cellular processes including cell adhesion and may regulate integrin trafficking and/or function. This protein enhances cell motility, invasion and metastasis of cancer cells. Multiple alternatively spliced transcript variants that encode the same protein have been described for this gene.

Species/Host: HEK293

Molecular Weight: The human full length CD151 protein has a MW of 28.3 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.

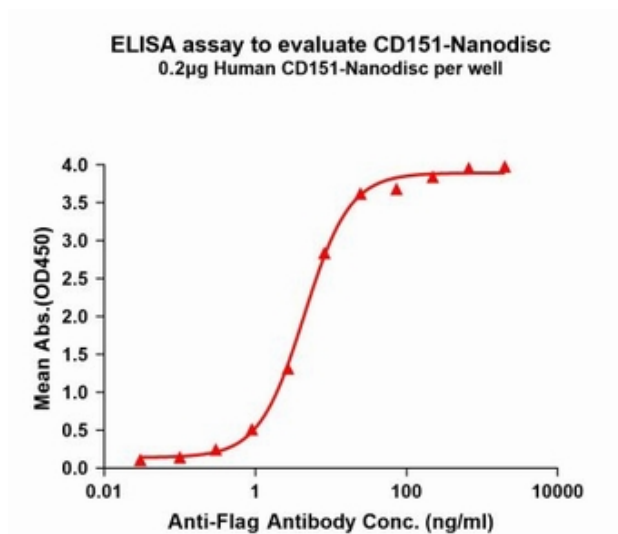


Figure1. Elisa plates were pre-coated with Flag Tag CD151-Nanodisc (0.2 µg/per well). Serial diluted Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for Flag monoclonal antibody binding with CD151-Nanodisc is 4.446ng/ml.

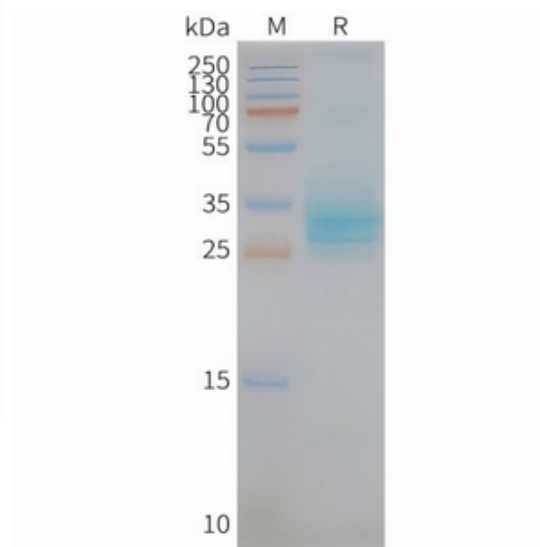


Figure2. Human CD151-Nanodisc, Flag Tag on SDS-PAGE