

**HUMAN C5AR1 FULL LENGTH PROTEIN**

目录: 11067

产品名称: Human C5AR1 Full Length Protein

规格: 10 µg, 50 µg and 100 µg

基因符号: C5A; C5AR; C5R1; CD88

**Target:** C5AR1

**UNIPROT ID:** P21730

**描述:** Human C5AR1 full length protein-synthetic nanodisc

**背景:** Receptor for the chemotactic and inflammatory peptide anaphylatoxin C5a. The ligand interacts with at least two sites on the receptor: a high-affinity site on the extracellular N-terminus, and a second site in the transmembrane region which activates downstream signaling events. Receptor activation stimulates chemotaxis, granule enzyme release, intracellular calcium release and superoxide anion production

**Species/Host:** HEK293

**Molecular Weight:** The human full length C5AR1 protein has a MW of 39.3 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.

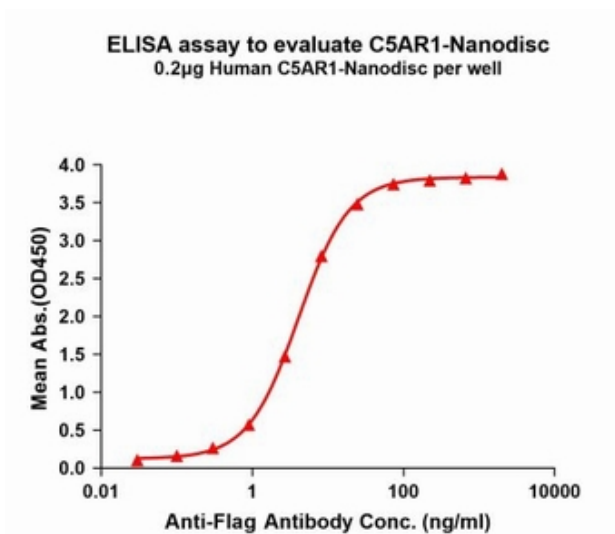


Figure1. Elisa plates were pre-coated with Flag Tag C5AR1-Nanodisc (0.2 µg/per well). Serial diluted Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for Flag monoclonal antibody binding with C5AR1-Nanodisc is 4.088ng/ml.

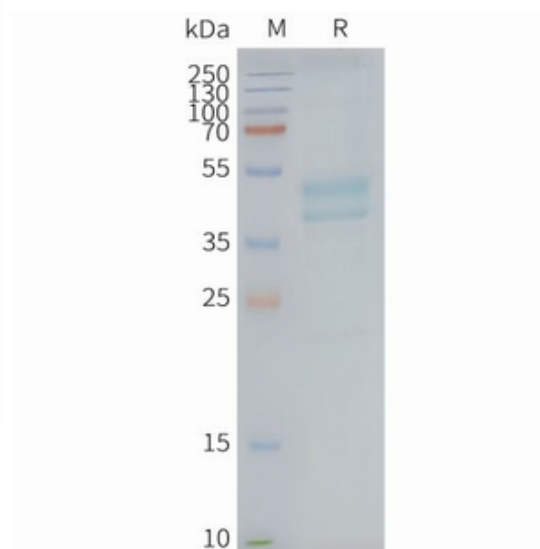


Figure2. Human C5AR1-Nanodisc, Flag Tag on SDS-PAGE