

HUMAN GPR77 FULL LENGTH PROTEIN

目录: 11050

产品名称: Human GPR77 Full Length Protein

规格: 10 µg, 50 µg and 100 µg

基因符号: C5L2; GPF77; GPR77

Target: C5AR2

UNIPROT ID: Q9P296

描述: Human GPR77 full length protein-synthetic nanodisc

背景: This gene encodes a G-protein coupled receptor 1 family member involved in the complement system of the innate immune response. Unlike classical G-protein coupled receptors, the encoded protein does not associate with intracellular G-proteins. It may instead modulate signal transduction through the beta-arrestin pathway, and may alternatively act as a decoy receptor. This gene may be involved in coronary artery disease and in the pathogenesis of sepsis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2012]

Species/Host: HEK293

Molecular Weight: The human full length C5AR2 protein has a MW of 36.1 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.

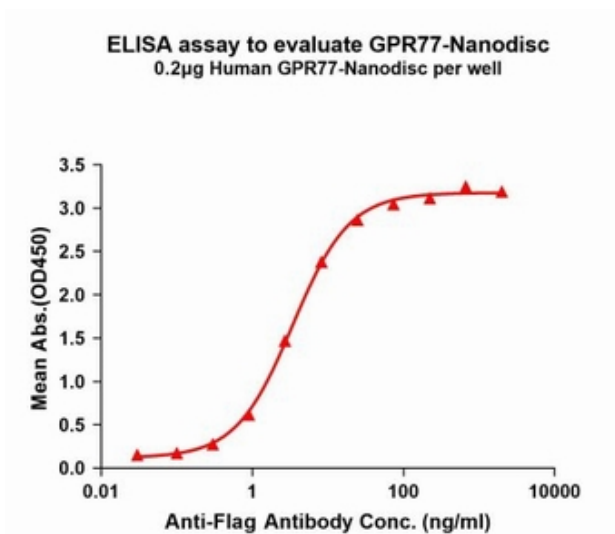


Figure1. Elisa plates were pre-coated with Flag Tag GPR77-Nanodisc (0.2 µg/per well). Serial diluted Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for Flag monoclonal antibody binding with GPR77-Nanodisc is 3.415ng/ml.

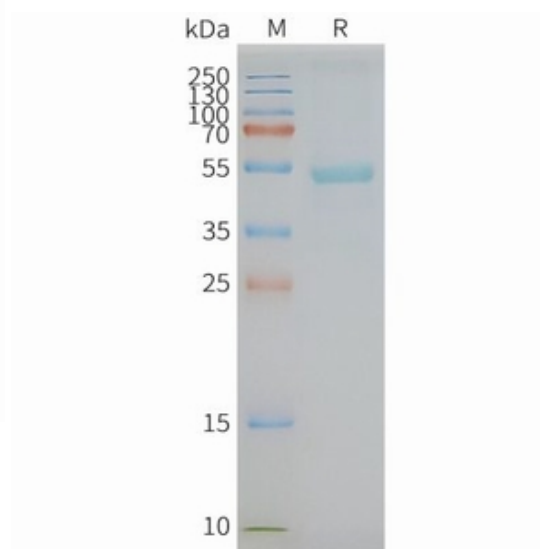


Figure2. Human GPR77-Nanodisc, Flag Tag on SDS-PAGE