

HUMAN GPRC5D FULL LENGTH PROTEIN

目录: 11002

产品名称: Human GPRC5D Full Length Protein

规格: 10 µg, 50 µg and 100 µg

基因符号: GPRC5D

Target: GPRC5D

UNIPROT ID: Q9NZD1

描述: Human GPRC5D full length protein-synthetic nanodisc

背景: The protein encoded by this gene is a member of the G protein-coupled receptor family. Recent studies demonstrate that GPRC5D is expressed on malignant bone marrow plasma cells, whereas normal tissue expression is limited to the hair follicle. It may represent a potential target for effector-cell-mediated therapy to treat plasma-cell disorders like MM.

Species/Host: HEK293

Molecular Weight: The human full length GPRC5D Protein has a MW of 38.6 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 GPRC5D-Nanodisc
0.5µg Human GPRC5D-Nanodisc per well

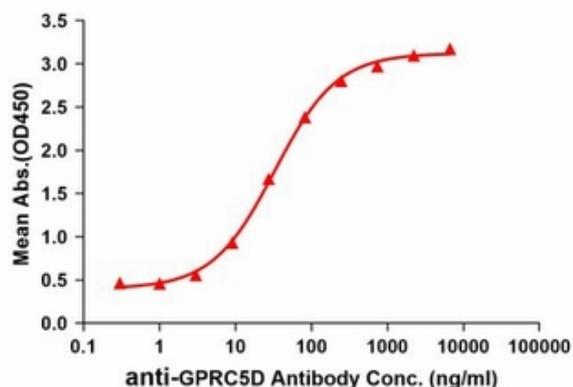


Figure1. Elisa plates were added with Flag Tag GPRC5D-Nanodisc (0.5 µg/per well) on an Flag monoclonal antibody pre-coated (0.5 µg/per well) plate. Serial diluted GPRC5D monoclonal antibody (28421) solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for GPRC5D monoclonal antibody binding with GPRC5D-Nanodisc is 32.86ng/ml.

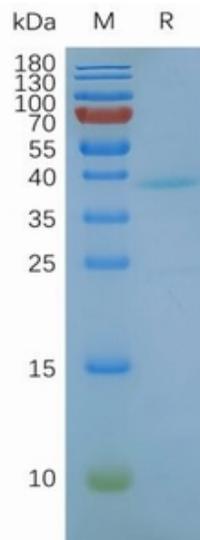


Figure2. Human GPRC5D-Nanodisc, Flag Tag on SDS-PAGE