

HUMAN ADGRG1 FULL LENGTH PROTEIN

目录: 11085

产品名称: Human ADGRG1 Full Length Protein

规格: 10 µg; 50 µg and 100 µg

基因符号: BFPP; BPPR; GPR56; TM7LN4; TM7XN1

Target: ADGRG1

UNIPROT ID: Q9Y653

描述: Human ADGRG1 Full Length Protein-Synthetic Nanodisc

背景: A member of the G protein-coupled receptor family and regulates brain cortical patterning. The encoded protein binds specifically to transglutaminase 2, a component of tissue and tumor stroma implicated as an inhibitor of tumor progression. Mutations in this gene are associated with a brain malformation known as bilateral frontoparietal polymicrogyria.

Species/Host: HEK293

Molecular Weight: The human full length ADGRG1 protein has a MW of 77.7 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.

Protein Families: Druggable Genome, GPCR, Transmembrane

Protein Pathways: N.A.

ELISA assay to evaluate ADGRG1-Nanodisc 0.2µg Human ADGRG1-Nanodisc per well

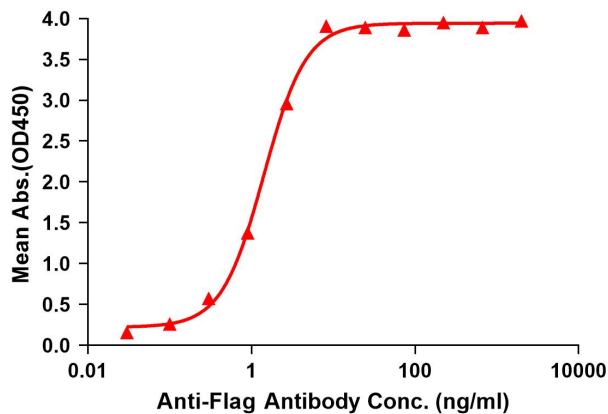


Figure 1. Elisa plates were pre-coated with Flag Tag ADGRG1-Nanodisc (0.2µg/per well). Serial diluted Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for Flag monoclonal antibody binding with ADGRG1-Nanodisc is 1.419ng/ml.

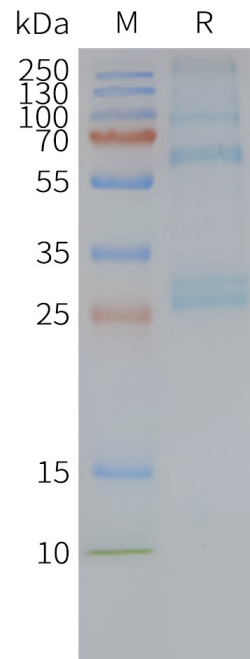


Figure 2. Human ADGRG1-Nanodisc, Flag Tag on SDS-PAGE