HUMAN ADGRG2 FULL LENGTH PROTEIN

Cat.#: 11088
Product Name: Human ADGRG2 Full Length Protein
Size : 10 µg; 50 µg and 100 µg
Synonyms: CBAVDX; EDDM6; GPR64; HE6; TM7LN2
Target: ADGRG2
UNIPROT ID: Q8IZP9
Description: Human ADGRG2 Full Length Protein-Synthetic Nanodisc
Background: A member of the G protein-coupled receptor family described as an epididymis-specific transmembrane protein. The encoded protein may be proteolytically processed as it contains a motif shown to be a protein scission motif in some members of this family.
Species/Host: HEK293
Molecular Weight: The human full length ADGRG2 protein has a MW of 111.6 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.
Storage & Shipping: 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.

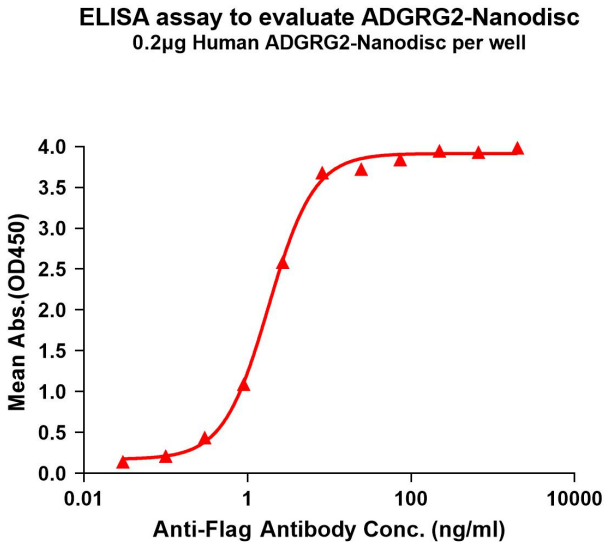

Figure 1. Elisa plates were pre-coated with Flag Tag ADGRG2-Nanodisc (0.2µg/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with ADGRG2-Nanodisc is 1.816ng/ml.

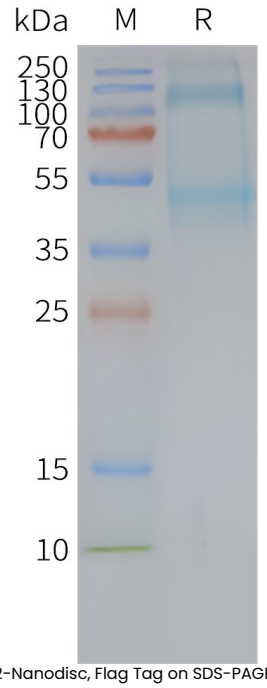

Figure 2. Human ADGRG2-Nanodisc, Flag Tag on SDS-PAGE

FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC APPLICATIONS