

## 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.

### ELISA assay to evaluate ADGRG2-Nanodisc 0.2µg Human ADGRG2-Nanodisc per well

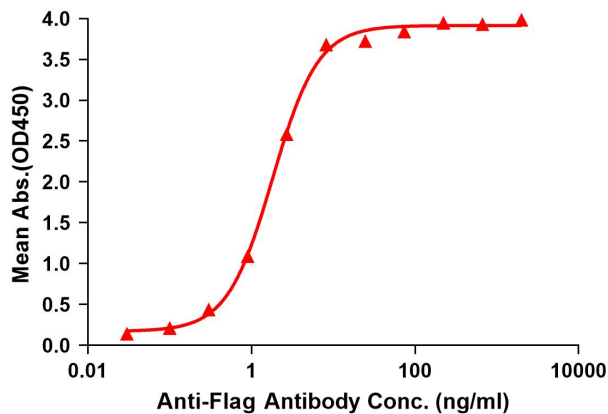


Figure 1. Elisa plates were pre-coated with Flag Tag ADGRG2-Nanodisc (0.2µg/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with ADGRG2-Nanodisc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

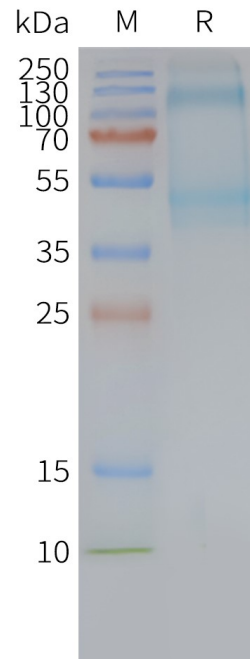


Figure 2. Human ADGRG2-Nanodisc, Flag Tag on SDS-PAGE