

PRODUCT INFORMATION

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| Tag | C-Flag Tag |
| Target | ADGRG2 |
| Synonyms | CBAVDX; EDDM6; GPR64; HE6; TM7LN2 |
| Description | Human ADGRG2 full length protein-synthetic nanodisc |
| Delivery | In Stock |
| Uniprot ID | Q8IZP9 |
| Expression Host | HEK293 |
| Protein Families | Druggable Genome, GPCR, Transmembrane |
| Protein Pathways | N.A. |
| 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. Please see Certificate of Analysis for specific instructions. Do not use solvents with a pH below 6.5 or those containing high concentrations of divalent metal ions (greater than 5 mM) in subsequent experiments. |
| 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. |
| 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. |
| Usage | Research use only |
| Conjugate | Unconjugated |



ELISA assay to evaluate ADGRG2-Nanodisc 0.2 μ g Human ADGRG2-Nanodisc per well

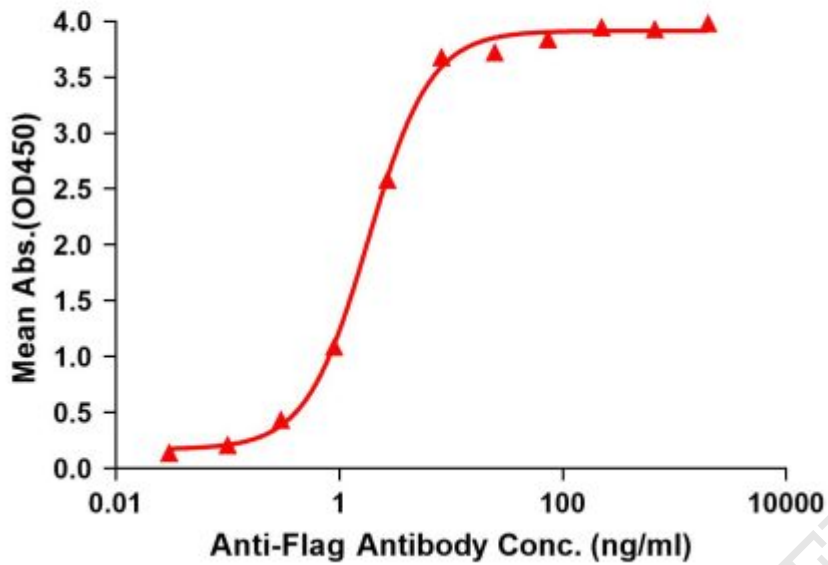


Figure1. Elisa plates were pre-coated with Flag Tag ADGRG2-Nanodisc (0.2 μ g/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with ADGRG2-Nanodisc is 1.816ng/ml.



Figure2. Human ADGRG2-Nanodisc, Flag Tag on SDS-PAGE

