

**PRODUCT INFORMATION**

<b>Tag</b>	C-Flag Tag
<b>Target</b>	ADGRG2
<b>Synonyms</b>	CBAVDX; EDDM6; GPR64; HE6; TM7LN2
<b>Description</b>	Human ADGRG2 full length protein-synthetic nanodisc
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	Q8IZP9
<b>Expression Host</b>	HEK293
<b>Protein Families</b>	Druggable Genome, GPCR, Transmembrane
<b>Protein Pathways</b>	N.A.
<b>Molecular Weight</b>	The human full length ADGRG2 protein has a MW of 111.6 kDa
<b>Formulation &amp; Reconstitution</b>	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
<b>Storage &amp; Shipping</b>	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.
<b>Background</b>	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.
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated



### ELISA assay to evaluate ADGRG2-Nanodisc 0.2 $\mu$ g Human ADGRG2-Nanodisc per well

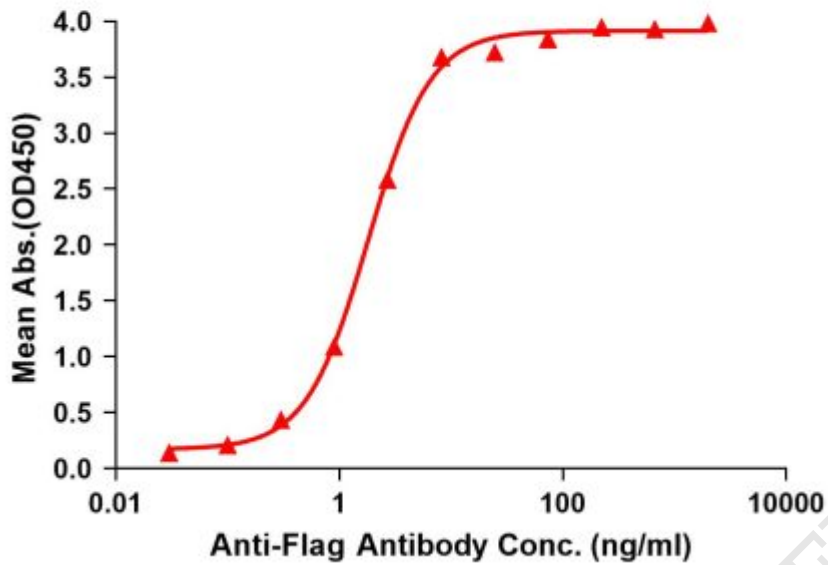


Figure1. Elisa plates were pre-coated with Flag Tag ADGRG2-Nanodisc (0.2 $\mu$ g/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC<sub>50</sub> for anti-Flag monoclonal antibody binding with ADGRG2-Nanodisc is 1.816ng/ml.



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

