

PRODUCT INFORMATION

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|------------------------------|--|
| Tag                          | C-Flag&Strep Tag   |
| Target                       | ADGRG2   |
| Synonyms                     | CBAVDX; EDDM6; GPR64; HE6; TM7LN2  |
| Description                  | Human ADGRG2-Strep full length protein-synthetic nanodisc  |
| Delivery                     | 6~8weeks   |
| Uniprot ID                   | Q8IZP9   |
| Expression Host              | HEK293   |
| Protein Families             | Druggable Genome, GPCR, Transmembrane  |
| Protein Pathways             | N.A.   |
| Molecular Weight             | The human full length ADGRG2-Strep 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   |

