

Datasheet for ABIN7596686

## ADGRL3 Protein (DYKDDDDK Tag, Strep Tag)



[Go to Product page](#)

### Overview

|                               |   |
|-------------------------------|---|
| Quantity:                     | 10 µg   |
| Target:                       | ADGRL3  |
| Origin:                       | Human   |
| Source:                       | HEK-293 Cells   |
| Protein Type:                 | Synthetic Nanodisc  |
| Purification tag / Conjugate: | This ADGRL3 protein is labelled with DYKDDDDK Tag, Strep Tag.   |
| Application:                  | Cryogenic electron microscopy (cryo-EM), ELISA, Immunogen (Imm), Phage Display (PhD), Surface Plasmon Resonance (SPR) |

### Product Details

|          |  |
|----------|--|
| Purpose: | Human AGRL3-Strep full length protein-synthetic nanodisc |
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### Target Details

|                   |  |
|-------------------|--|
| Target:           | ADGRL3   |
| Alternative Name: | AGRL3  |
| Background:       | <p>CIRL3, CL3, LEC3, LPHN3</p> <p>This gene encodes a member of the latrophilin subfamily of G-protein coupled receptors (GPCR). Latrophilins may function in both cell adhesion and signal transduction. In experiments with non-human species, endogenous proteolytic cleavage within a cysteine-rich GPS (G-protein-coupled-receptor proteolysis site) domain resulted in two subunits (a large extracellular N-terminal cell adhesion subunit and a subunit with substantial similarity to the secretin/calcitonin family of GPCRs) being non-covalently bound at the cell membrane.</p> |

## Target Details

[provided by RefSeq, Jul 2008]

Molecular Weight: The human full length AGRL3-Strep protein has a MW of 161.8 kDa

UniProt: [Q9HAR2](#)

## Application Details

Comment: Advantages:

- Highly purified membrane proteins
- High solubility in aqueous solutions
- High stability
- Proteins are in a native membrane environment and remain biologically active
- No detergent and can be used for cell-based assays
- No MSP backbone proteins
- Mammalian cell expression system ensures post- translational modifications

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Buffer: Solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

Storage: -20 °C, -80 °C

Storage Comment: 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.

Expiry Date: 12 months