

Datasheet for ABIN7596679

GPR97 Protein (DYKDDDDK Tag, Strep Tag)



[Go to Product page](#)

Overview

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| Quantity: | 10 µg |
| Target: | GPR97 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Synthetic Nanodisc |
| Purification tag / Conjugate: | This GPR97 protein is labelled with DYKDDDDK Tag, Strep Tag. |
| Application: | ELISA, Surface Plasmon Resonance (SPR), Phage Display (PhD), Immunogen (Imm), Cryogenic electron microscopy (cryo-EM) |

Product Details

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| Purpose: | Human AGRG3-Strep full length protein-synthetic nanodisc |
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Target Details

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| Target: | GPR97 |
| Alternative Name: | AGRG3 (GPR97 Products) |
| Background: | <p>GPR97, PB99, PGR26</p> <p>Orphan receptor that regulates migration of lymphatic endothelial cells in vitro via the small GTPases RhoA and CDC42 (PubMed:24178298). Regulates B-cell development (By similarity). Seems to signal through G-alpha(q)-proteins (PubMed:22575658).[UniProtKB/Swiss-Prot Function]</p> |
| Molecular Weight: | The human full length AGRG3-Strep protein has a MW of 60.9 kDa |

Target Details

UniProt: [Q86Y34](#)

Application Details

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| Comment: | Advantages: |
| | <ul style="list-style-type: none">• 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 |

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| Restrictions: | For Research Use only |
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Handling

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| 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 |