

Datasheet for ABIN7596760

GP179 protein (DYKDDDDK Tag, Strep Tag)



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Overview

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| Quantity: | 10 µg |
| Target: | GP179 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Synthetic Nanodisc |
| Purification tag / Conjugate: | DYKDDDDK Tag, Strep Tag |
| Application: | Cryogenic electron microscopy (cryo-EM), ELISA, Immunogen (Imm), Phage Display (PhD), Surface Plasmon Resonance (SPR) |

Product Details

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| Purpose: | Human GP179-Strep full length protein-synthetic nanodisc |
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Target Details

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| Target: | GP179 |
| Background: | CSNB1E, GPR158L, GPR158L1 This gene encodes a member of the glutamate receptor subfamily of G protein-coupled receptors. The encoded protein has an EGF-like calcium binding domain and a seven transmembrane domain in the N-terminal region of the protein. Mutations in this gene are associated with congenital stationary night blindness type 1E. [provided by RefSeq, Apr 2012] |
| Molecular Weight: | The human full length GP179-Strep protein has a MW of 257.4 kDa |
| UniProt: | Q6PRD1 |

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 |