

Datasheet for ABIN7596913

Purinergic Receptor P2Y, G-Protein Coupled, 13 (P2RY13) protein (DYKDDDDK Tag, Strep Tag)



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Overview

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| Quantity: | 10 µg |
| Target: | Purinergic Receptor P2Y, G-Protein Coupled, 13 (P2RY13) |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Synthetic Nanodisc |
| Purification tag / Conjugate: | 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 P2Y13-Strep full length protein-synthetic nanodisc |
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Target Details

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| Target: | Purinergic Receptor P2Y, G-Protein Coupled, 13 (P2RY13) |
| Alternative Name: | P2Y13 (P2RY13 Products) |
| Background: | <p>FKSG77, GPCR1, GPR86, GPR94, P2Y13, SP174</p> <p>The product of this gene belongs to the family of G-protein coupled receptors. This family has several receptor subtypes with different pharmacological selectivity, which overlaps in some cases, for various adenosine and uridine nucleotides. This receptor is activated by ADP.</p> <p>[provided by RefSeq, Sep 2008]</p> |
| Molecular Weight: | The human full length P2Y13-Strep protein has a MW of 40.8 kDa |

Target Details

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| UniProt: | Q9BPV8 |
| Pathways: | cAMP Metabolic Process |

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 |