

Datasheet for ABIN7596761

G Protein-Coupled Receptor 182 Protein (GPR182) (DYKDDDDK Tag, Strep Tag)



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Overview

Quantity:	10 µg
Target:	G Protein-Coupled Receptor 182 (GPR182)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Synthetic Nanodisc
Purification tag / Conjugate:	This G Protein-Coupled Receptor 182 protein is labelled with DYKDDDDK Tag, Strep Tag.
Application:	Immunogen (Imm), ELISA, Surface Plasmon Resonance (SPR), Phage Display (PhD), Cryogenic electron microscopy (cryo-EM)

Product Details

Purpose:	Human GP182-Strep full length protein-synthetic nanodisc
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Target Details

Target:	G Protein-Coupled Receptor 182 (GPR182)
Alternative Name:	GP182 (GPR182 Products)
Background:	7TMR, ADMR, AM-R, AMR, G10D, L1-R, gamrh, hrhAMR Adrenomedullin is a potent vasodilator peptide that exerts major effects on cardiovascular function. This gene encodes a seven-transmembrane protein that belongs to the family 1 of G-protein coupled receptors. Studies of the rat counterpart suggest that the encoded protein may function as a receptor for adrenomedullin. [provided by RefSeq, Jul 2008]
Molecular Weight:	The human full length GP182-Strep protein has a MW of 45.3 kDa

Target Details

UniProt: [O15218](#)

Application Details

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

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