Datasheet for ABIN7596669

GPR125 Protein (DYKDDDDK Tag,Strep Tag)

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Overview

Quantity:	10 µg
Target:	GPR125
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Synthetic Nanodisc
Purification tag / Conjugate:	This GPR125 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 AGRA3-Strep full length protein-synthetic nanodisc

Target Details

Target:	GPR125
Alternative Name:	AGRA3 (GPR125 Products)
Background:	GPR125, PGR21, TEM5L This gene encodes a member of the G protein-coupled receptor superfamily. This membrane protein may play a role in tumor angiogenesis through its interaction with the human homolog of the Drosophila disc large tumor suppressor gene. This gene is mapped to a candidate region of chromosome 4 which may be associated with bipolar disorder and schizophrenia. [provided by RefSeq, Oct 2012]

Target Details

Molecular Weight:	The human full length AGRA3-Strep protein has a MW of 146.2 kDa
UniProt:	Q8IWK6

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