

Datasheet for ABIN7596734

GHRHR Protein (DYKDDDDK Tag, Strep Tag)



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Overview

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

Target:	GHRHR
Alternative Name:	GHRHR (GHRHR Products)
Background:	<p>GHRFR, GRFR, IGHD1B, IGHD4</p> <p>This gene encodes a receptor for growth hormone-releasing hormone. Binding of this hormone to the receptor leads to synthesis and release of growth hormone. Mutations in this gene have been associated with isolated growth hormone deficiency (IGHD), also known as Dwarfism of Sindh, a disorder characterized by short stature. [provided by RefSeq, Jun 2010]</p>
Molecular Weight:	The human full length GHRHR-Strep protein has a MW of 47.4 kDa

Target Details

UniProt:	Q02643
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway , Hormone Transport , Regulation of Intracellular Steroid Hormone Receptor Signaling , cAMP Metabolic Process

Application Details

Comment:	<p>Advantages:</p> <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
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:	<p>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).</p> <p>Lyophilized proteins are shipped at ambient temperature.</p>
Expiry Date:	12 months