

Datasheet for ABIN7596695

## CCKAR Protein (DYKDDDDK Tag, Strep Tag)



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### Overview

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

Target:	CCKAR
Alternative Name:	CCKAR ( <a href="#">CCKAR Products</a> )
Background:	<p>CCK-A, CCK1-R, CCK1R, CCKRA</p> <p>This gene encodes a G-protein coupled receptor that binds non-sulfated members of the cholecystokinin (CCK) family of peptide hormones. This receptor is a major physiologic mediator of pancreatic enzyme secretion and smooth muscle contraction of the gallbladder and stomach. In the central and peripheral nervous system this receptor regulates satiety and the release of beta-endorphin and dopamine. [provided by RefSeq, Jul 2008]</p>

## Target Details

Molecular Weight:	The human full length CCKAR-Strep protein has a MW of 47.8 kDa
UniProt:	<a href="#">P32238</a>
Pathways:	<a href="#">Positive Regulation of Peptide Hormone Secretion</a> , <a href="#">Hormone Transport</a> , <a href="#">Feeding Behaviour</a>

## Application Details

Comment:	<p>Advantages:</p> <ul style="list-style-type: none"><li>• Highly purified membrane proteins</li><li>• High solubility in aqueous solutions</li><li>• High stability</li><li>• Proteins are in a native membrane environment and remain biologically active</li><li>• No detergent and can be used for cell-based assays</li><li>• No MSP backbone proteins</li><li>• Mammalian cell expression system ensures post- translational modifications</li></ul>
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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:	<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