

Datasheet for ABIN7596836

TACR2 Protein (DYKDDDDK Tag, Strep Tag)



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Overview

Quantity:	10 µg
Target:	TACR2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Synthetic Nanodisc
Purification tag / Conjugate:	This TACR2 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 NK2R-Strep full length protein-synthetic nanodisc
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Target Details

Target:	TACR2
Alternative Name:	NK2R (TACR2 Products)
Background:	<p>NKNAR, SKR, TAC2R</p> <p>This protein belongs to a family of proteins that function as receptors for tachykinins. Receptor affinities are specified by variations in the 5'-end of the sequence. The receptors belonging to this family are characterized by interactions with G proteins and 7 hydrophobic transmembrane regions.</p>
Molecular Weight:	The human full length NK2R-Strep protein has a MW of 44.4 kDa

Target Details

UniProt: [P21452](#)

Pathways: [Hormone Transport, Negative Regulation of Hormone Secretion](#)

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