

Datasheet for ABIN7597034

TOMM40 Protein (DYKDDDDK Tag, Strep Tag)[Go to Product page](#)

Overview

Quantity:	10 µg
Target:	TOMM40
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Synthetic Nanodisc
Purification tag / Conjugate:	This TOMM40 protein is labelled with DYKDDDDK Tag, Strep Tag.
Application:	ELISA, Surface Plasmon Resonance (SPR), Phage Display (PhD), Immunogen (Imm), Cryogenic electron microscopy (cryo-EM)

Product Details

Purpose:	Human TOM40-Strep full length protein-synthetic nanodisc
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Target Details

Target:	TOMM40
Alternative Name:	TOM40 (TOMM40 Products)
Background:	<p>C19orf1, D19S1177E, PER-EC1, PEREC1, TOM40</p> <p>The protein encoded by this gene is localized in the outer membrane of the mitochondria. It is the channel-forming subunit of the translocase of the mitochondrial outer membrane (TOM) complex that is essential for import of protein precursors into mitochondria. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Aug 2015]</p>
Molecular Weight:	The human full length TOM40-Strep protein has a MW of 37.9 kDa

Target Details

UniProt: [O96008](#)

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

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