

Datasheet for ABIN7596917

## F2RL2 Protein (DYKDDDDK Tag, Strep Tag)



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### Overview

Quantity:	10 µg
Target:	F2RL2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Synthetic Nanodisc
Purification tag / Conjugate:	This F2RL2 protein is labelled with DYKDDDDK Tag, Strep Tag.
Application:	Surface Plasmon Resonance (SPR), Phage Display (PhD), ELISA, Immunogen (Imm), Cryogenic electron microscopy (cryo-EM)

### Product Details

Purpose:	Human PAR3-Strep full length protein-synthetic nanodisc
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### Target Details

Target:	F2RL2
Alternative Name:	PAR3 ( <a href="#">F2RL2 Products</a> )
Background:	<p>PAR-3, PAR3</p> <p>This gene encodes a member of the protease-activated receptor (PAR) family which is a subfamily of the seven transmembrane G protein-coupled cell surface receptor family. The encoded protein acts as a cofactor in the thrombin-mediated cleavage and activation of the protease-activated receptor family member PAR4. The encoded protein plays an essential role in hemostasis and thrombosis. Alternate splicing results in multiple transcript variants that encode different isoforms. [provided by RefSeq, Feb 2012]</p>

## Target Details

Molecular Weight:	The human full length PAR3-Strep protein has a MW of 42.5 kDa
UniProt:	<a href="#">O00254</a>
Pathways:	<a href="#">Cell-Cell Junction Organization</a> , <a href="#">Regulation of G-Protein Coupled Receptor Protein Signaling</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