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Datasheet for ABIN7550841

**POPDC2 Protein (AA 1-364) (His tag)**

## Overview

Quantity:	1 mg
Target:	POPDC2
Protein Characteristics:	AA 1-364
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This POPDC2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat POPDC2 Protein expressed in mammalien cells.
Sequence:	<p>MSANSSRVGQ LLLQGSACIR WKQDVEGAVY HLANCLLLLGMGSGVYGC FYLFGFLSAG YLCCVLWGWF SACGLDIVLW SFLLAVVCLL QLAHLVYRLR EDTLPEEFDL LYKTLCLPLQ VPLQTYKEIV HCCEEQVLT LATEQTYAVEG ETPINRLSLL LSGRVRVSQD GQFLHYIFPY QFMDSPEWES LQPSEEGVFQ VTLTAETSCS YISWPRKSLH LLLTKERYIS CLFSALLGYD ISEKLYTLND KLFAKGLRF DIRLPSLYHV LGPTAADAGP ESEKGDEEVC EPAVSPPPQAT PTSLQQTTPC STPPATTNFP APPTRARLSR PDSGILASRI PLQSYSQVIS RGQAPLAPTH TPEL</p> <p><b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</b></p>
Characteristics:	Key Benefits:

## Product Details

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- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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## Target Details

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Target:	POPDC2
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Alternative Name:	POPDC2 ( <a href="#">POPDC2 Products</a> )
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Background:	<p>Popeye domain-containing protein 2 (Popeye protein 2),FUNCTION: Important for the maintenance of cardiac function. Plays a regulatory function in heart rate dynamics mediated, at least in part, through cAMP-binding and, probably, by increasing cell surface expression of the potassium channel KCNK2 and enhancing current density.</p> <p>{ECO:0000250 UniProtKB:Q6JWV8, ECO:0000250 UniProtKB:Q9ES82}.</p>
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Molecular Weight:	40.4 kDa
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UniProt:	<a href="#">Q9HBU9</a>
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## Application Details

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Application Notes:	<p>In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.</p>
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Restrictions:	For Research Use only
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## Handling

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Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months