

Datasheet for ABIN7550842
POPDC3 Protein (AA 1-291) (His tag)



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Overview

Quantity:	1 mg
Target:	POPDC3
Protein Characteristics:	AA 1-291
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This POPDC3 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant POPDC3 Protein expressed in mammalian cells.
Sequence:	MERNSSLWKN LIDEHPVCTT WKQEAEGAIY HLASILFVVG FMGGSGFFGL LYVFSLLGLG FLCSAVWAWV DVCAADIFSW NFVLFVICFM QFVHIAYQVR SITFAREFQV LYSSLFQPLG ISLPVFRTIA LSSEVVTLEK EHCYAMQGKT SIDKLSLLVS GRIRVTVDGE FLHYIFPLQF LDSPEWDSLRL PTEEGIFQVT LTAETDCRYV SWRRKKLYLL FAQHRYISRL FSVLIGSDIA DKLYALNDRV YIGKRYHYDI RLPNFYQMST PEIRRSPLTQ HFQNSRRYCD K 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.
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits:

Product Details

- 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.

Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	POPDC3
Alternative Name:	POPDC3 (POPDC3 Products)
Background:	Popeye domain-containing protein 3 (Popeye protein 3),FUNCTION: May play a role in the maintenance of heart function mediated, at least in part, through cAMP-binding. May play a role in the regulation of KCNK2/TREK-1-mediated current amplitude (PubMed:31610034). {ECO:0000250 UniProtKB:Q9ES81, ECO:0000269 PubMed:10882522, ECO:0000269 PubMed:31610034}.
Molecular Weight:	33.9 kDa
UniProt:	Q9HBV1

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

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