

Datasheet for ABIN7550711

## PHLDA3 Protein (AA 1-127) (His tag)



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### Overview

Quantity:	1 mg
Target:	PHLDA3
Protein Characteristics:	AA 1-127
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PHLDA3 protein is labelled with His tag.

### Product Details

Purpose:	Custom-made recombinant PHLDA3 Protein expressed in mammalian cells.
Sequence:	MTAAATATVL KEGVLEKRSG GLLQLWKRKR CVLTERGLQL FEA KGTGGRP KELS FARIKA VECVESTGRH IYFTLVTEGG GEIDFRCPLE DPGWNAQITL GLVKFKNQQA IQTVRARQSL GTGTLVS <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>
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:	<p>Key Benefits:</p> <ul style="list-style-type: none"> <li>• Made to order protein - from design to production - by highly experienced protein experts.</li> <li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li> <li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li> </ul>

## Product Details

- 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:	PHLDA3
Alternative Name:	PHLDA3 ( <a href="#">PHLDA3 Products</a> )
Background:	Pleckstrin homology-like domain family A member 3 (TDAG51/lpl homolog 1),FUNCTION: p53/TP53-regulated repressor of Akt/AKT1 signaling. Represses AKT1 by preventing AKT1-binding to membrane lipids, thereby inhibiting AKT1 translocation to the cellular membrane and activation. Contributes to p53/TP53-dependent apoptosis by repressing AKT1 activity. Its direct transcription regulation by p53/TP53 may explain how p53/TP53 can negatively regulate AKT1. May act as a tumor suppressor. {ECO:0000269 PubMed:19203586}.
Molecular Weight:	13.9 kDa
UniProt:	<a href="#">Q9Y5J5</a>

## 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
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# Handling

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