

Datasheet for ABIN7550784  
**PPAPDC1B Protein (AA 1-264) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	PPAPDC1B
Protein Characteristics:	AA 1-264
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PPAPDC1B protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant PLPP5 Protein expressed in mammalian cells.
Sequence:	MGKAAAFAVAF GAEVGVRLAL FAAFLVTELL PPFQRLIQPE EMWLYRNPYV EAEYFPTKPM FVIAFLSPLS LIFLAKFLKK ADTRDSRQAC LAASLALALN GVFTNTIKLI VGRPRPDDFFY RCFPDGLAHS DLMCTGDKDV VNEGRKSFPS GHSSFAGL AFASFYLAGK LHCFTPQGRG KSWRFCAFLS PLLFAAVIAL SRTC DYKHHW QDVLV GSMIG MTFAYVCYRQ YYPPLTDAEC HKPFQDKLVL STAQKPGDSY CFDI <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:	Key Benefits: <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li></ul>

## Product Details

---

- 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:	PPAPDC1B
Alternative Name:	PLPP5 ( <a href="#">PPAPDC1B Products</a> )
Background:	Phospholipid phosphatase 5 (EC 3.1.3.4) (EC 3.6.1.75) (Phosphatidic acid phosphatase type 2 domain-containing protein 1B),FUNCTION: Magnesium-independent phospholipid phosphatase with broad substrate specificity (PubMed:17590538). Preferentially catalyzes the conversion of diacylglycerol pyrophosphate into phosphatidate but can also act on phosphatidate and lysophosphatidate (PubMed:17590538). Phospholipid phosphatases are involved in both the synthesis of lipids and the generation or degradation of lipid-signaling molecules (PubMed:17590538). {ECO:0000269 PubMed:17590538, ECO:0000303 PubMed:17590538}.
Molecular Weight:	29.5 kDa
UniProt:	<a href="#">Q8NEB5</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
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