

Datasheet for ABIN7555067  
**PPIL2 Protein (AA 1-520) (His tag)**



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## Overview

Quantity:	1 mg
Target:	PPIL2
Protein Characteristics:	AA 1-520
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PPIL2 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant PPIL2 Protein expressed in mammalian cells.
Sequence:	<p>MGKRQHQQDK MYITCAEYTH FYGGKKPDLP QTNFRRLPFD HCSLSLQPFV YPVCTPDGIV FDLLNIVPWL KKYGTNPSNG EKLDGRSLIK LNFSKNSEGK YHCPVLFTVF TNNTHIVAVR TTGNVYAYEA VEQLNIKAKN FRDLLTDEPF SRQDIITLQD PTNLDFNVS Nfyhvknnmk IIDPDEEKAK QDPSYYLKNT NAETRETLQE LYKEFKGDEI LAATMKAPEK KKVDKLNAAH YSTGKVSASF TSTAMVPETT HEAAAIDEDV LRYQFVKKKG YVRLHTNKGD LNLELHCDLT PKTCENFIRL CKKHYYDGTI FHRSIRNFVI QGGDPTGTGT GGESYWGKPF KDEFRPNLSH TGRGILSMAN SGPNSNRSQF FITFRSCAYL DKKHTIFGRV VGGFDVLTAM ENVESDPKTD RPKEEIRIDA TTVFVDPYEE ADAQIAQERK TQLKVAPETK VKSSQPQAGS QGPQTFRQGV GKYINPAATK RAAEEEPSTS ATPVMSKKKP SRGFGDFSSW <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>

## Product Details

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**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.

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**Characteristics:** **Key Benefits:**

- 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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

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**Grade:** custom-made

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## Target Details

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**Target:** PPIL2

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**Alternative Name:** PPIL2 ([PPIL2 Products](#))

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**Background:** RING-type E3 ubiquitin-protein ligase PPIL2 (EC 2.3.2.27) (CYC4) (Cyclophilin-60) (Cyclophilin-like protein Cyp-60) (Cyp60) (hCyP-60) (Probable inactive peptidyl-prolyl cis-trans isomerase-like 2) (PPlase) (Rotamase PPIL2),FUNCTION: Has a ubiquitin-protein ligase activity acting as an E3 ubiquitin protein ligase or as an ubiquitin-ubiquitin ligase promoting elongation of ubiquitin chains on substrates. By mediating 'Lys-48'-linked polyubiquitination of proteins could target them for proteasomal degradation (PubMed:11435423). May also function as a chaperone, playing a role in transport to the cell membrane of BSG/Basigin for instance (PubMed:15946952). Probable inactive PPlase with no peptidyl-prolyl cis-trans isomerase activity (PubMed:20676357). As a component of the minor spliceosome, involved in the splicing of U12-type introns in pre-mRNAs (Probable). {ECO:0000269|PubMed:11435423, ECO:0000269|PubMed:15946952, ECO:0000269|PubMed:20676357,

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## Target Details

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ECO:0000305|PubMed:33509932}.

Molecular Weight: 58.8 kDa

UniProt: [Q13356](#)

## Application Details

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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

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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