

Datasheet for ABIN7550863
PPIL1 Protein (AA 1-166) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	PPIL1
Protein Characteristics:	AA 1-166
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PPIL1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant PPIL1 Protein expressed in mammalian cells.
Sequence:	MAAIPPDSWQ PPNVYLETSM GIIVLELYWK HAPKTCKNFA ELARRGYNG TKFHRIIKDF MIQGGDPTGT GRGGASIYGK QFEDELHPDL KFTGAGILAM ANAGPDTNGS QFFVTLAPTQ WLDGKHTIFG RVCQGIGMVN RVGMVETNSQ DRPVDDVKII KAYPSG 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: <ul style="list-style-type: none">• 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

Product Details

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:	PPIL1
---------	-------

Alternative Name:	PPIL1 (PPIL1 Products)
-------------------	--

Background:	Peptidyl-prolyl cis-trans isomerase-like 1 (PPIase) (EC 5.2.1.8) (Rotamase PPIL1),FUNCTION: Involved in pre-mRNA splicing as component of the spliceosome (PubMed:11991638, PubMed:28502770, PubMed:28076346, PubMed:33220177). PPIases accelerate the folding of proteins. Catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides (PubMed:16595688). Catalyzes prolyl peptide bond isomerization in CDC40/PRP17 (PubMed:33220177). Plays an important role in embryonic brain development, this function is independent of its isomerase activity (PubMed:33220177). {ECO:0000269 PubMed:11991638, ECO:0000269 PubMed:16595688, ECO:0000269 PubMed:28076346, ECO:0000269 PubMed:28502770, ECO:0000269 PubMed:33220177}.
-------------	--

Molecular Weight:	18.2 kDa
-------------------	----------

UniProt:	Q9Y3C6
----------	------------------------

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.
--------------------	---

Application Details

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