

Datasheet for ABIN7551048  
**PRPF3 Protein (AA 1-683) (His tag)**



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## Overview

Quantity:	1 mg
Target:	PRPF3
Protein Characteristics:	AA 1-683
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PRPF3 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant PRPF3 Protein expressed in mammalian cells.
Sequence:	MALSKRELDE LKPWIEKTVK RVLGFSEPTV VTAALNCVVGK GMDKKAADH LKPFLDDSTL RFVDKLF EAV EEGRSSRHSK SSSDRSRKRE LKEVFGDDSE ISKESSEGVKK RRIPRFEEVE EEPEVIPGPP SESPGMLTKL QIKQMMEAAT RQIEERKKQL SFISPPTPQP KTPSSSQPER LPIGNTIQPS QAATFMNDAL EKARKAAELQ ARIQAQLALK PGLIGNANMV GLANLHAMGI APPKVELKDQ TKPTPLILDE QGRTVDATGK EIELTHRMP LKANIRAVKR EQFKQQLKEK PSEDMESNTF FDPVRSIAPS QRQRRTFKFH DKGKFEKIAQ RLRTKAQLEK LQAEISQAAR KTGIHTSTRL ALIAPKKELK EGDIP EIEWW DSYIIPNGFD LTEENPKRED YFGITNLVEH PAQLNPPVDN DTPVTLGVYL TKKEQKCLR R QTRREAQKEL QEKVRLGLMP PPEPKVRISN LMRVLGTEAV QDPTKVEAHV RAQMAKRQKA HEEANAARKL TAEQRKVKKI KKLKEDISQG VHISVYRVRN LSNPAKKFKI EANAGQLYLT GVVVLHKDVN VVVVEGGPKA QKKFKRLMLH RIKWDEQTSN TKGDDDEESD EEA VKKTNKC VLVWEGTAKD RSFGEMKFKQ CPTENMAREH FKKHGAEHYW DLALSES VLE STD <b>Sequence without tag. The proposed Purification-Tag is</b>

## Product Details

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**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.**

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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: PRPF3

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Alternative Name: PRPF3 ([PRPF3 Products](#))

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Background: U4/U6 small nuclear ribonucleoprotein Prp3 (Pre-mRNA-splicing factor 3) (hPrp3) (U4/U6 snRNP 90 kDa protein),FUNCTION: Plays a role in pre-mRNA splicing as component of the U4/U6-U5 tri-snRNP complex that is involved in spliceosome assembly, and as component of the precatalytic spliceosome (spliceosome B complex). {ECO:0000269|PubMed:26912367, ECO:0000269|PubMed:28781166, ECO:0000305|PubMed:20595234}.

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Molecular Weight: 77.5 kDa

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UniProt: [O43395](#)

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## 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.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months