

Datasheet for ABIN7551674  
**RPUSD2 Protein (AA 1-545) (His tag)**



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## Overview

Quantity:	1 mg
Target:	RPUSD2
Protein Characteristics:	AA 1-545
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RPUSD2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat RPUSD2 Protein expressed in mammalien cells.
Sequence:	<p>MWLDRRGWLR VLGHWRYDLR RPSFTRTWSG DKGPM AETVS TQVGTEGGLR ASHQQNGDAG            GDAKVELSPG PPKPAGREVE PAPVGGEHPS AAAPGPGKHK KRRGATRERV VPPPKKRRTG            VSGFDEHFAE TSYYFEGGLR KVRPYYFDFR TYCKGRWVGH SLLHVFSTEF RAQPLAYYEA            AVRAGRLQLN EKPVQDLNIV LKDNDFLRNT VHRHEPPVTA EPIRLLAENE DVVVWDKPSS            IPVHPCGRFR HNTVIFILGK EHQLKELHPL HRLDRLTSGV LMFAKTAAVS ERIHEQVRDR            QLEKEYVCRV EGEFPTTEVT CKEPILVVSY KVGVCRDVDR GKPCETVFQR LSYNGQSSVV            RCRPLTGRTH QIRVHLQLFG HPILNDPIYN SVAWGPSRGR GGYIPKTNEE LLRDLVAEHQ            AKQSLDVLDL CEGDLSPGLT DSTAPSSSELG KDDLEELAAA AQKMEEVAEA APQELDTIAL            ASEKAVETDV MNQETDPLCA ECRLVRQDPL PQDLVMFLHA LRYKGPGEFY FSPMPAWAQD            DWQKD <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</b></p>

## Product Details

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**necessary. In case you have a special request, please contact us.**

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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, Western Blot

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### Grade:

custom-made

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## Target Details

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### Target:

RPUSD2

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### Alternative Name:

RPUSD2 ([RPUSD2 Products](#))

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### Background:

Pseudouridylate synthase RPUSD2 (EC 5.4.99.-) (RNA pseudouridylate synthase domain-containing protein 2),FUNCTION: Pseudouridine synthase that catalyzes pseudouridylation of mRNAs. {ECO:0000269|PubMed:31477916, ECO:0000269|PubMed:35051350}.

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### Molecular Weight:

61.3 kDa

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### UniProt:

[Q8IZ73](#)

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## Application Details

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### Application Notes:

In addition to the applications listed above we expect the protein to work for functional studies as well. 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
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