

Datasheet for ABIN7551426  
**RRM1 Protein (AA 1-792) (His tag)**



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## Overview

Quantity:	1 mg
Target:	RRM1
Protein Characteristics:	AA 1-792
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RRM1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

## Product Details

Purpose:	Custom-made recombinat RRM1 Protein expressed in mammalien cells.
Sequence:	MHVIKRDGRQ ERVMFDKITS RIQKLCYGLN MDFVDPAQIT MKVIQGLYSG VTTVELDTLA AETAATLTTK HPDYAILAAR IAVSNLHKET KKVFSVDMED LYNYPHNG KHSPMVAKST LDIVLANKDR LNSAIYDRD FSYNYFGFKT LERSYLLKIN GKVAERPQHM LMRVSVGIIHK EDIDAAIETY NLLSERWFTH ASPTLFNAGT NRPQLSSCFL LSMKDDSIIEG IYDTLKQCAL ISKSAGGIGV AVSCIRATGS YIAGTNGNSN GLVPMRLRVYN NTARYVDQGG NKRPGAFIY LEPWHLDFE FLDLKKNTGK EEQRARDLFF ALWIPDLFMK RVETNQDWSL MCPNECPGLD EVWGEEFEKL YASYEQGRV RKVVKAQQLW YAIIESQTET GTPYMLYKDS CNRKSNNQNL GTIKCSNLCT EIVEYTSKDE VAVCNLASLA LNMVYVTSSEHT YDFKKLA EVT KVVVRNLNKI IDINYYVPVE ACLSNKRHRP IGIGVQGLAD AFILMRYPF SAEQLLNKQ IFETIYYGAL EASCDLAKEQ GPYETIEGSP VSKGILQYDM WNVPTDLWD WKVLKEKIAK YGIRNSLLIA PMPTASTAQI LGNNESIEPY TSNIYTRRVL SGEFQIVNPH LLKDLTERGL WHEEMKNQII

## Product Details

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ACNGSIQSIP EIPDDLKQLY KTVWEISQKT VLKMAAERGA FIDQSQSLNI HIAEPNYGKL  
TSMHFYGWKQ GLKTGMYLRL TRPAANPIQF TLNKEKLDKDK EKVSKEEEEEK ERNTAAMVCS  
LENRDECLMC GS **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.**

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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:

RRM1

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### Alternative Name:

RRM1 ([RRM1 Products](#))

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### Background:

Ribonucleoside-diphosphate reductase large subunit (EC 1.17.4.1) (Ribonucleoside-diphosphate reductase subunit M1) (Ribonucleotide reductase large subunit),FUNCTION: Provides the precursors necessary for DNA synthesis. Catalyzes the biosynthesis of deoxyribonucleotides from the corresponding ribonucleotides.

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### Molecular Weight:

90.1 kDa

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### UniProt:

[P23921](#)

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### Pathways:

[Positive Regulation of Endopeptidase Activity](#)

## 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

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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

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