

Datasheet for ABIN7560989  
**RMI1 Protein (AA 1-616) (His tag)**



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## Overview

Quantity:	1 mg
Target:	RMI1
Protein Characteristics:	AA 1-616
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RMI1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat Rmi1 Protein expressed in mammalian cells.
Sequence:	<p>MSVASAVLRV ETWLLATWHV KVPPMWLEAC VNWIQEENNN ATLSQAQINK QVLEQWLLTD</p> <p>LRDLEHPLLP DDILELPKGE LNGFYALQIN SLVDVSQPAY SSIQKLRGKN TTNDLVSAET</p> <p>QSTPKPWEVR PSRMLMLQLT DGVTHIQGME YQSIPALHSG LPPGTKILVR GCILFRLGVL</p> <p>LLKPENVKVL GGEVDGLSEE NAQEKVLARL IGELDPTVPV IPNNSIHNVP KVSGLDAVL</p> <p>GPSDEELLAS LDESEESAAAN NDVAMERSCF STGTSSNTTP TNPSPGFPGC NISSRPKEKP</p> <p>PNQPTHFTDG EFDDFSLEEA LLEETVQKE QMETKASQPL TLKENTGKCM EIFSHKPSSL</p> <p>NHTALIHKQG NSNFDEKTSE QMIHEDKFFD CASTRNHHKR FSAHDFTNDS KISEVDAAQ</p> <p>QTLSSSNVHC LRNKILNRKL DLSEKSSQIS KENGHPFQAC SSRSFENNTY LSIGMDLHSP</p> <p>PFIYLSVLMA RKPKEVTTVT VKAFIVTLTG NLSSSGGFWG VTAKVSDGTA YLDVDFIDEI</p> <p>LTSMIGYSVP EMKQLRKDPL KYKTFLEGLQ KCQRDLIDLC CLMTISYDPS SCKGVVLELQ</p> <p>DVGMEHVENL KKRLNK <b>Sequence without tag. The proposed Purification-Tag is based on</b></p>

**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.**

### 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.

### Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

### Grade:

custom-made

## Target Details

### Target:

RMI1

### Alternative Name:

Rmi1 ([RMI1 Products](#))

### Background:

RecQ-mediated genome instability protein 1,FUNCTION: Essential component of the RMI complex, a complex that plays an important role in the processing of homologous recombination intermediates to limit DNA crossover formation in cells. Promotes TOP3A binding to double Holliday junctions (DHJ) and hence stimulates TOP3A-mediated dissolution. Required for BLM phosphorylation during mitosis. Within the BLM complex, required for BLM and TOP3A stability (By similarity). {ECO:0000250}.

### Molecular Weight:

68.5 kDa

### UniProt:

[Q9D4G9](#)

### Pathways:

[DNA Damage Repair](#)

## Application Details

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

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