

Datasheet for ABIN7555245
RMI1 Protein (AA 1-625) (His tag)



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Overview

Quantity:	1 mg
Target:	RMI1
Protein Characteristics:	AA 1-625
Origin:	Human
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>MNVTSLALRA ETWLLAAWHV KVPPMWLEAC INWIQEENNN VNLSQAQMNK QVFEQWLLTD</p> <p>LRDLEHPLL P DGILEIPKGE LNGFYALQIN SLVDVSQPAY SIIQKLRGKN TTNDLVTAEA</p> <p>QVTPKPWEAK PSRMLMLQLT DGIVQIQGME YQPIPLHSD LPPGTKILY GNISFRLGVL</p> <p>LLKPENVKVL GGEVDALLEE YAEKVLARL IGEPDLVSV IPNNSNENIP RVTDLVDPAL</p> <p>GPSDEELLAS LDENDEL TAN NDTSSERCFT TGSSSNTIPT RQSSFEPEFV ISPRPKEEPS</p> <p>NLSIHVMDGE LDDFSLEEAL LLEETVQKEQ METKELQPLT FNRNADRSIE RFSHNPNTTN</p> <p>NFSLTCKNGN NNWSEKNVSE QMTNEDKSFG CPSVRDQNRS IFSVHCNVPL AHDFTNKEKN</p> <p>LETDNKIKQT SSSDSHSLNN KILNREVVNY VQKRNSQISN ENDCNLQSCS LRSSSENSINL</p> <p>SIAMDLYSPP FVYLSVLMAS KPKEVTTVKV KAFIVTLTGN LSSSGGIWSI TAKVSDGTAY</p> <p>LDVDFVDEIL TSLIGFSVPE MKQSKKDPLQ YQKFLEGLQK CQRDLIDLCC LMTISFNPSL</p> <p>SKAMVLALQD VNMEHLENLK KRLNK Sequence without tag. The proposed Purification-Tag</p>

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.

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 (BLM-associated protein of 75 kDa) (BLAP75) (FAAP75), 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.
{ECO:0000269|PubMed:15775963, ECO:0000269|PubMed:16537486, ECO:0000269|PubMed:16595695}.

Molecular Weight:

70.1 kDa

UniProt:

[Q9H9A7](#)

Target Details

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.

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