

Datasheet for ABIN7563263  
**RAD52 Protein (AA 1-420) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	RAD52
Protein Characteristics:	AA 1-420
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RAD52 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

## Product Details

Purpose:	Custom-made recombinat Rad52 Protein expressed in mammalian cells.
Sequence:	<p>MAGPEEAVHR GCDNHPPFVG GKSPLLFGQS QYTADEYQAI QKALRQRLGP EYISSRMAGG  GQKVCYIEGH RVINLANEMF GYNGWAHSIT QQNVDFVDLN NGKFYVGVCA FVKVQLKDGS  YHEDVGYGVS EGLRSKALSL EKARKEAVTD GLKRALRSFG NALGNCILDK DYLRSLNKLK  RQLPLDVLDT KTKREDFEPS VEQARYNSCR QNEALGLPKP QEVTPCRSS PPHDSNIKLQ  GAKDISSSCS LAATLESDAT HQRKLRLRQ KQLQQQFREQ METRRQSHAP AEEVAAKHAA  VLPAPPKHST PVTAASELLQ EKVVFPDNL ENLEMWDLTP DLEDIKPLC RAEPAQTSAT  RTFNNQDSVP HIHCHQKPQE KPGPGHLQTC NTNQHVLGSR EDSEPHRKSQ DLKKRKLDP</p> <p><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 necessary.</b></p> <p><b>In case you have a special request, please contact us.</b></p>
Characteristics:	Key Benefits:

## Product Details

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- 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
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Grade:	custom-made
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## Target Details

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Target:	RAD52
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Alternative Name:	Rad52 ( <a href="#">RAD52 Products</a> )
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Background:	DNA repair protein RAD52 homolog,FUNCTION: Involved in double-stranded break repair. Plays a central role in genetic recombination and DNA repair by promoting the annealing of complementary single-stranded DNA and by stimulation of the RAD51 recombinase. {ECO:0000250 UniProtKB:P43351}.
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Molecular Weight:	46.9 kDa
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UniProt:	<a href="#">P43352</a>
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Pathways:	<a href="#">DNA Damage Repair</a>
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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

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