

Product datasheet

Recombinant Human RAD18 protein ab112417

1 Image

Overview

<b>Product name</b>	Recombinant Human RAD18 protein
<b>Protein length</b>	Full length protein

Description

<b>Nature</b>	Recombinant
<b>Source</b>	Wheat germ
<b>Amino Acid Sequence</b>	
<b>Accession</b>	<a href="#">Q9NS91</a>
<b>Species</b>	Human
<b>Molecular weight</b>	83 kDa including tags
<b>Amino acids</b>	1 to 495

Specifications

Our [Abpromise guarantee](#) covers the use of **ab112417** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Biological activity</b>	useful for Antibody Production and Protein Array
<b>Applications</b>	SDS-PAGE Western blot ELISA
<b>Form</b>	Liquid
<b>Additional notes</b>	Best use within three months from the date of receipt of this protein.useful for Antibody Production and Protein Array

Preparation and Storage

<b>Stability and Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.79% Tris HCl, 0.31% Glutathione Note: (Glutathione is reduced)
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## General Info

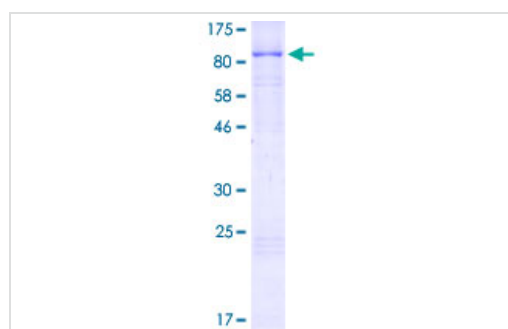
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<b>Function</b>	E3 ubiquitin-protein ligase involved in postreplication repair of UV-damaged DNA. Postreplication repair functions in gap-filling of a daughter strand on replication of damaged DNA. Associates to the E2 ubiquitin conjugating enzyme UBE2B to form the UBE2B-RAD18 ubiquitin ligase complex involved in mono-ubiquitination of DNA-associated PCNA on 'Lys-164'. Has ssDNA binding activity.
<b>Pathway</b>	Protein modification; protein ubiquitination.
<b>Sequence similarities</b>	Belongs to the RAD18 family. Contains 1 RING-type zinc finger. Contains 1 SAP domain. Contains 1 UBZ-type zinc finger.
<b>Cellular localization</b>	Nucleus.

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## Images

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12.5% SDS-PAGE Stained with Coomassie Blue.

SDS-PAGE - Recombinant Human RAD18 protein  
(ab112417)

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

## Our Abpromise to you: Quality guaranteed and expert technical support

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
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