

Product datasheet

Recombinant Human RAD18 protein ab112418

1 Image

Overview

Product name	Recombinant Human RAD18 protein
Protein length	Protein fragment

Description

Nature	Recombinant
Source	Wheat germ
Amino Acid Sequence	
Accession	Q9NS91
Species	Human
Sequence	EKEIDEIHSKYRKKHKSEFQLLDQARKGYKKIAGMSQ KTVTITKEDEST EKLSSVCMGQEDNMTSVTNHFSQSKLDSPEELEPDR EEDSSSCIDIQEV
Molecular weight	37 kDa
Amino acids	332 to 430

Specifications

Our [Abpromise guarantee](#) covers the use of **ab112418** in the following tested applications.

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

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

Preparation and Storage

Stability and Storage

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)

General Info

Function

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.

Pathway

Protein modification; protein ubiquitination.

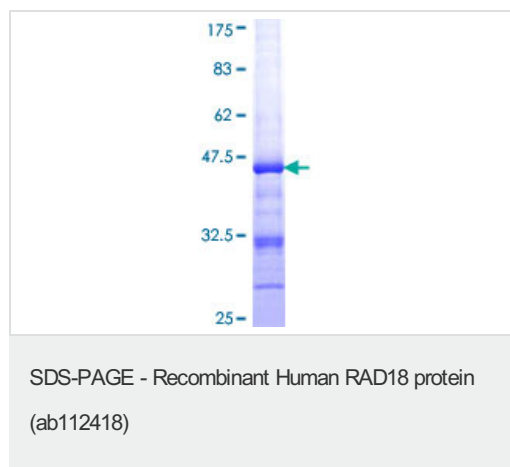
Sequence similarities

Belongs to the RAD18 family.
Contains 1 RING-type zinc finger.
Contains 1 SAP domain.
Contains 1 UBZ-type zinc finger.

Cellular localization

Nucleus.

Images



12.5% SDS-PAGE Stained with Coomassie Blue.

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

Our Promise to you: Quality guaranteed and expert technical support

- 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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