

Active Recombinant Full Length Human RAD18 Protein

Cat. No. RAD18-421HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human RAD18 (aa 1-495) with a proprietary tag; 83.2 kDa inclusive of tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	495 amino acids
Description	The protein encoded by this gene is highly similar to <i>S. cerevisiae</i> DNA damage repair protein Rad18. Yeast Rad18 functions through its interaction with Rad6, which is an ubiquitin-conjugating enzyme required for post-replication repair of damaged DNA. Similar to its yeast counterpart, this protein is able to interact with the human homolog of yeast Rad6 protein through a conserved ring-finger motif. Mutation of this motif results in defective replication of UV-damaged DNA and hypersensitivity to multiple mutagens.
Form	Liquid
Bio-activity	Useful for Antibody Production and Protein Array
Molecular Mass	83.200kDa inclusive of tags
Purity	Proprietary Purification

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents: 0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name RAD18 RAD18 homolog (S. cerevisiae) [Homo sapiens]

Official Symbol RAD18

Synonyms RAD18; RAD18 homolog (S. cerevisiae); E3 ubiquitin-protein ligase RAD18; RNF73

Gene ID 56852

mRNA Refseq NM_020165

Protein Refseq NP_064550

MIM 605256

UniProt ID Q9NS91

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA