

# Recombinant Human RAD23B Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** RAD23B-5185H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	RAD23B MS Standard C13 and N15-labeled recombinant protein (NP_002865) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	The protein encoded by this gene is one of two human homologs of <i>Saccharomyces cerevisiae</i> Rad23, a protein involved in the nucleotide excision repair (NER). This protein was found to be a component of the protein complex that specifically complements the NER defect of xeroderma pigmentosum group C (XP-c) cell extracts in vitro. This protein was also shown to interact with, and elevate the nucleotide excision activity of 3-methyladenine-DNA glycosylase (MPG), which suggested a role in DNA damage recognition in base excision repair. This protein contains an N-terminal ubiquitin-like domain, which was reported to interact with 26S proteasome, and thus this protein may be involved in the ubiquitin mediated proteolytic pathway in cells. Alternative splicing results in multiple transcript variants encoding distinct isoforms.
<b>Molecular Mass</b>	43.2 kDa
<b>AA Sequence</b>	MQVTLKTLQQQTFKIDIDPEETVKALKEKIESEK GKDAFPVAGQKLIYAGKILNDDTAL KEYKIDEKNFVVVMVTKPKAVSTPAPATTQQSAPASTTAVTSSTTTTVAQAPTVPVA

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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



LAPTSTPASITPASATASSEPPAPASAAKQEKPAPAEKPAETPVATSPTATDSTSGDSSR  
 SNLFEDATSALVTGQSYENMVTEIMSMGYEREQVIAALRASFNNDRAVEYLLMGIP  
 GDRESQAVVDPQAASTGVPQSSAVAAAAATTTATTTTTSSGGHPLEFLRNQPQFQ  
 QMRQIIQQNPSLLPALLQQIGRENPQLLQQISQHQEHFIQMLNEPVQEAGGGGGG  
 GGGSGGIAEAGSGHMNYIQVTPQEKEAIERLKALGFPEGLVIQAYFACEKNENLAAN  
 FLLQQNFDEDTRTRPLEQKLISEEDLAANDILDYKDDDDKV

<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 3 months from receipt of products under proper storage and handling conditions.
<b>Storage</b>	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
<b>Concentration</b>	50 µg/mL as determined by BCA
<b>Storage Buffer</b>	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

<b>Gene Name</b>	RAD23B RAD23 homolog B, nucleotide excision repair protein [ Homo sapiens (human) ]
<b>Official Symbol</b>	RAD23B
<b>Synonyms</b>	RAD23B; RAD23 homolog B (S. cerevisiae); RAD23 (S. cerevisiae) homolog B; UV excision repair protein RAD23 homolog B; HHR23B; HR23B; P58; XP C repair complementing complex 58 kDa; XP C repair complementing protein; RAD23, yeast homolog of, B; XP-C repair complementing protein; XP-C repair complementing complex 58 kDa; XP-C repair-complementing complex 58 kDa protein;

**Gene ID** 5887

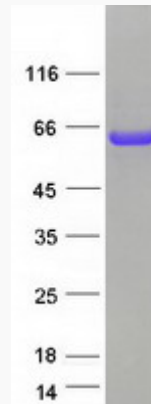
**mRNA Refseq** NM\_002874

**Protein Refseq** NP\_002865

**MIM** 600062

**UniProt ID** P54727

**SDS-PAGE**



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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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