

Recombinant Full Length Human RAD23B Protein

Cat. No. RAD23B-10H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human RAD23B Protein without tag was expressed in Bacterial.
Species	Human
Source	E.coli
ProteinLength	1-409 a.a.
Description	<p>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.</p>
Molecular Mass	43.2 kDa
Purity	~90% by SDS-PAGE
Storage	Store at -80 centigrade, avoid multiple freeze-thaw cycles

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Storage Buffer	20 mM Tris, 150 mM NaCl, 2 mM β ME, 10% Glycerol
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Shipping	Dry ice shipping
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GENE INFORMATION

Gene Name	RAD23B RAD23 homolog B, nucleotide excision repair protein [Homo sapiens (human)]
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Official Symbol	RAD23B
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Synonyms	RAD23B; RAD23 homolog B, nucleotide excision repair protein; P58; HR23B; HHR23B; UV excision repair protein RAD23 homolog B; RAD23, yeast homolog of, B; XP-C repair complementing complex 58 kDa; XP-C repair complementing protein; XP-C repair-complementing complex 58 kDa protein
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Gene ID	5887
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mRNA Refseq	NM_002874
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Protein Refseq	NP_002865
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MIM	600062
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UniProt ID	P54727
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