

RAD23B 抗原（重组蛋白）

中文名称：RAD23B 抗原（重组蛋白）

英文名称：RAD23B Antigen (Recombinant Protein)

别名：RAD23 homolog B, nucleotide excision repair protein; P58; HR23B; HHR23B

储存：冷冻（-20℃）

相关类别：抗原

概述

Fusion protein corresponding to a region derived from 210-409 amino acids of human RAD23B

技术规格

Full name:	RAD23 homolog B, nucleotide excision repair protein
Synonyms:	P58; HR23B; HHR23B
Swissprot:	P54727
Gene Accession:	BC020973
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	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.