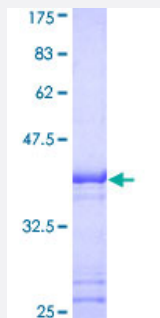


RAD23A (Human) Recombinant Protein (Q01)

Catalog # H00005886-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human RAD23A partial ORF (AAH14026, 151 a.a. - 250 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	EDAASTLVGTGSEYETMLTEIMSMGYERERVVAALRASYNPHRAVEYLLTGIPGSPEPEHGSVQE SQVSEQPATEAAGENPLEFLRDQPQFQNMQRQVIQQ
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.63
Interspecies Antigen Sequence	Mouse (97); Rat (97)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — RAD23A

Entrez GeneID [5886](#)

GeneBank Accession# [BC014026](#)

Protein Accession# [AAH14026](#)

Gene Name RAD23A

Gene Alias HHR23A, MGC111083

Gene Description RAD23 homolog A (S. cerevisiae)

Omim ID [600061](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is one of two human homologs of *Saccharomyces cerevisiae* Rad23, a protein involved in nucleotide excision repair (NER). This protein was 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, as well as with ubiquitin protein ligase E6AP, and thus suggests that this protein may be involved in the ubiquitin mediated proteolytic pathway in cells. [provided by RefSeq]

Other Designations RAD23, yeast homolog, A|UV excision repair protein RAD23 homolog A

Pathway

- [Nucleotide excision repair](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [DNA Damage](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Malignant melanoma](#)
- [Melanoma](#)
- [Multiple Sclerosis](#)