

# Recombinant Full Length Human RAD23A protein, GST-tagged

**Cat. No.** RAD23A-2153H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human RAD23A protein(1-363 aa), fused with GST tag, was expressed in E.coli.                                                                                                                                                                                                                                                                                                            |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | 1-363 a.a.                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.                                                                                                                        |
| <b>AA Sequence</b>      | MAVTITLKTLLQQQTFKIRMEPDETVKVLKEKIEAEKGRDAFPVAGQKLIYAGKILSDDV<br>PIRDYRIDEKNFVVVMVTKTKAGQGTSAPPEASPTAAPESSTSFPPAPTSGMSHPPP<br>AAREDKSPSEESAPTTSPESVSGSVPSGSSGREEDAASLTGSEYETMLTEIMS<br>MGYERERVVAALRASYNPHRAVEYLLTGIPGSPEPEHGSVQESQVSEQPATEAAG<br>ENPLEFLRDQPQFQNMQRQVIQQNPALLPALLQQLGQENPQLLQQISRHQEQFIQML<br>NEPPGELADISDVEGEVGAI GEEAPQMNYIQVTPQEKEAIERL KALGFPESLVIQAYF<br>ACEKNENLAANFLLSQNFDDE |
| <b>Purity</b>           | 90%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                                                                                                                                                                            |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks).<br>Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer                                                                                                                                                                                                                                                            |

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

**Reconstitution**

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.  
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

## GENE INFORMATION

**Gene Name** RAD23A RAD23 homolog A (S. cerevisiae) [ Homo sapiens ]

**Official Symbol** RAD23A

**Synonyms**

RAD23A; RAD23 homolog A (S. cerevisiae); RAD23 (S. cerevisiae) homolog A; UV excision repair protein RAD23 homolog A; HHR23A; MGC111083; RAD23; yeast homolog; A; HR23A; RAD23, yeast homolog, A;

**Gene ID** 5886

**mRNA Refseq** NM\_005053

**Protein Refseq** NP\_005044

**MIM** 600061

**UniProt ID** P54725

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