

Recombinant Full Length Human RAD23A Protein, C-Flag-tagged

Cat. No. RAD23A-1924HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human RAD23A Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	The protein encoded by this gene is one of two human homologs of <i>Saccharomyces cerevisiae</i> Rad23, a protein involved in nucleotide excision repair. Proteins in this family have a modular domain structure consisting of an ubiquitin-like domain (UbL), ubiquitin-associated domain 1 (UbA1), XPC-binding domain and UbA2. The protein encoded by this gene plays an important role in nucleotide excision repair and also in delivery of polyubiquitinated proteins to the proteasome. Alternative splicing results in multiple transcript variants encoding multiple isoforms.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	39.4 kDa
AA Sequence	MAVTITLKTLLQQQTFKIRMEPDETVKVLKEKIEAEKGRDAFPVAGQKLIYAGKILSDDV PIRDYRIDEKN FVVVMVTKTKAGQGTSAPPEASPTAAPESSTSFPPAPTSGMSHPP PAAREDKSPSEESAPATSPESVSGS VPSSGSSGREEDAASLTGSEYETMLTEIM SMGYERERVVAALRASYNPNPHRAVEYLLTGIPGSPEPEH GSVQESQVSEQPATEA GENPLEFLRDQPQFQNMQRQVIQQNPALLPALLQQLGQENPQLLQQISRHQEQFI QM

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	LNEPPGELADISDVEGEVGAIGEEAPQMNYIQVTPQEKEAIERLKALGFPESLVIQAY FACEKNENLA ANFLLSQNFDDDE TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Protein Pathways	Nucleotide excision repair
Full Length	Full L.

GENE INFORMATION

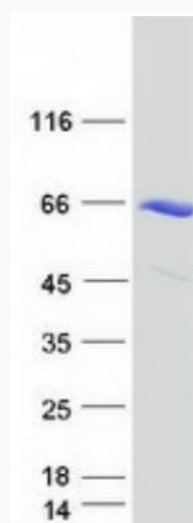
Gene Name	RAD23A RAD23 homolog A, nucleotide excision repair protein [Homo sapiens (human)]
Official Symbol	RAD23A
Synonyms	HR23A; HHR23A
Gene ID	5886

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mRNA Refseq	NM_005053.4
Protein Refseq	NP_005044.1
MIM	600061
UniProt ID	P54725



Coomassie blue staining of purified RAD23A protein.