

Human RAD23A Knockdown Cell Lysate

Cat. No. RAD23A-415HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated RAD23A Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
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	Cell-Tissue Lysis buffer
Molecular Mass	40 kDa
Notes	Instruction of use: This knockdown cell lysate should be paired with wild-type HeLa cell lysate for use. For Western blotting, we recommend running wild-type and knockdown lysates on the same gel, and loading each well with equal volume and equal amount of total proteins.
Storage	Store at -20 centigrade for two years.

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Concentration	Lot-specific
Shipping	Blue Ice
Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg RAD23A KD HeLa cell lysate
Protein Families	Druggable Genome
Protein Pathways	Nucleotide excision repair
Lysate QC	RT-qPCR; Western Blotting (WB)
GENE INFORMATION	
Gene Name	RAD23A RAD23 homolog A (S. cerevisiae) [Homo sapiens (human)]
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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