

Product datasheet for **SC330807**

hHR23A (RAD23A) (NM_001270362) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: hHR23A (RAD23A) (NM_001270362) Human Untagged Clone
Tag: Tag Free
Symbol: RAD23A
Synonyms: HHR23A; HR23A
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC330807 representing NM_001270362.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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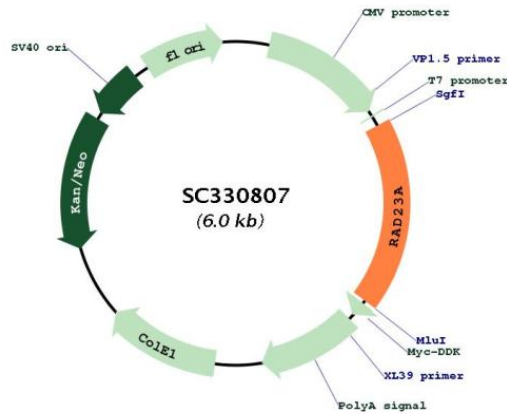
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AATGAGAACTTGCTGCCAACTTCTCCTGAGTCAGAACTTTGATGACGAGTGA
  
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Restriction Sites: SgfI-MluI



[View online »](#)

Plasmid Map:



ACCN: NM_001270362

Insert Size: 1089 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_001270362.1](#)

RefSeq Size: 1818 bp

RefSeq ORF:	1089 bp
Locus ID:	5886
UniProt ID:	P54725
Cytogenetics:	19p13.13
Protein Families:	Druggable Genome
Protein Pathways:	Nucleotide excision repair
MW:	39.5 kDa

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. 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. [provided by RefSeq, Jun 2012]

Transcript Variant: This variant (2) uses an alternate in-frame splice site in the coding region, compared to variant 1. This results in a shorter protein (isoform 2), compared to isoform 1.