

Product datasheet for **RC222684L4V**

hHR23A (RAD23A) (NM_005053) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	hHR23A (RAD23A) (NM_005053) Human Tagged ORF Clone Lentiviral Particle
Symbol:	hHR23A
Synonyms:	HHR23A; HR23A
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_005053
ORF Size:	551 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC222684).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_005053.2
RefSeq Size:	1821 bp
RefSeq ORF:	1092 bp
Locus ID:	5886
UniProt ID:	P54725
Cytogenetics:	19p13.13
Domains:	UBA, UBQ, STI1
Protein Families:	Druggable Genome



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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]