

## Product datasheet for PH322684

### hHR23A (RAD23A) (NM\_005053) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	RAD23A MS Standard C13 and N15-labeled recombinant protein (NP_005044)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC222684
Predicted MW:	39.5 kDa
Protein Sequence:	>RC222684 protein sequence Red=Cloning site Green=Tags(s)
	MAVTITLKTLLQQQTFKIRMEPDETIVKVLKEKIEAEKGRDAFPVAGQKLIYAGKILSDDVPIRDYRIDEKN FVVVMVTKTKAGQGSAPPEASPTAAPESSSFPPAPTS GMSHPPPAAREDKSPSEESAPATSPESVSGS VPSSGSSGREEDAASLTVTGSEYETMLTEIMSMGYERERVVAALRASYNPHRAVEYLLTGIPGSPEPEH GSVQESQVSEQPATEAGENPLEFLRDQPQFQNMQRVVIQQNPALLPALLQQLGQENPQLLQQISRHQEQFI QMLNEPPGELADISDVEGEVGAIGEEAPQMNYIQVTPQEKEAIERLKALGFPELVIQAYFACEKNENLA ANFLLSQNFDDE
	TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_005044</a>
RefSeq Size:	1821
RefSeq ORF:	551
Synonyms:	HHR23A; HR23A
Locus ID:	5886



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UniProt ID: [P54725](#), [A0A024R7G8](#)

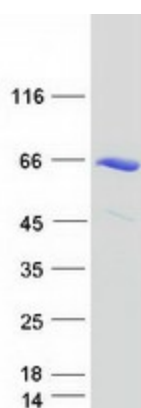
Cytogenetics: 19p13.13

**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]

**Protein Families:** Druggable Genome

**Protein Pathways:** Nucleotide excision repair

### Product images:



Coomassie blue staining of purified RAD23A protein (Cat# [TP322684]). The protein was produced from HEK293T cells transfected with RAD23A cDNA clone (Cat# [RC222684]) using MegaTran 2.0 (Cat# [TT210002]).