

Product datasheet for **TP322684L**

hHR23A (RAD23A) (NM_005053) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human RAD23 homolog A (*S. cerevisiae*) (RAD23A), 1 mg

Species: Human

Expression Host: HEK293T

**Expression cDNA Clone
or AA Sequence:** >RC222684 protein sequence
Red=Cloning site **Green**=Tags(s)

MAVTITLKTLLQQTFKIRMEPDETVKVLKEKIEAEKGRDAFPVAGQKLIYAGKILSDDVPIRDYRIDEKN
FVVMVTKTKAGQGTSAPPEASPTAAPESSTSFPPAPTSFGMSHPPPAAREDKSPSEESAPATSPESVSGS
VPSSGSSGREEDAASLTGSEYETMLTEIMSMGYERERVVAALRASYNPNPHRAVEYLLTGIPGSPEPEH
GSVQESQVSEQPATEAGENPLEFLRDQPQFQNMQRVIQQNPALLPALLQQLGQENPQLLQQISRHQEQFI
QMLNEPPGELADISDVEGEVGAIGEEAPQMNYIQVTPQEKEAIERLKGALGFPESLVIQAYFACEKNENLA
ANFLLSQNFDDE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 39.4 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_005044](#)

Locus ID: 5886



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

RefSeq Size: 1821

Cytogenetics: 19p13.13

RefSeq ORF: 551

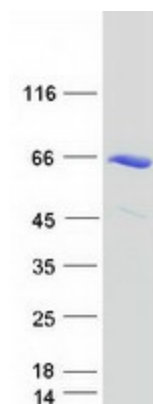
Synonyms: HHR23A; HR23A

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]).