

Recombinant Full Length Human RAD23A Protein (1-363 aa), His-tagged

Cat. No. RAD23A-1499H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RAD23A Protein (1-363 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Epigenetics and Nuclear Signaling. Protein Description: Full Length.
Species	Human
Source	Yeast
ProteinLength	1-363 aa
Description	Multiubiquitin chain receptor involved in modulation of proteasomal degradation. Binds to 'Lys-48'-linked polyubiquitin chains in a length-dependent manner and with a lower affinity to 'Lys-63'-linked polyubiquitin chains. Proposed to be capable to bind simultaneously to the 26S proteasome and to polyubiquitinated substrates and to deliver ubiquitinated proteins to the proteasome. Involved in nucleotide excision repair and is thought to be functional equivalent for RAD23B in global genome nucleotide excision repair (GG-NER) by association with XPC. In vitro, the XPC:RAD23A dimer has NER activity. Can stabilize XPC. Involved in vpr-dependent replication of HIV-1 in non-proliferating cells and primary macrophages. Required for the association of HIV-1 vpr with the host proteasome.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	41.6 kDa

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AA Sequence	MAVTITLKTLLQQQTFKIRMEPDETVKVLKEKIEAEKGRDAFPVAGQKLIYAGKILSDDV PIRDYRIDEKNFVVVMVTKTKAGQGTSAPPEASPTAAPESSTSFPPAPTSGMSHPPP AAREDKSPSEESAPTTSPESVSGSVSSGSSGREEDAASLTGSEYETMLTEIMS MGYERERVVAALRASYNPHRAVEYLLTGIPGSPEPEHGSVQESQVSEQPATEAAG ENPLEFLRDQPQFQNMQRQVIQNPALLPALLQQLGQENPQLLQQISRHQEQFIQML NEPPGELADISDVEGEVGAIGEEAPQMNYIQVTPQEKEAIERLKALGFPESLVIQAYF ACEKNENLAANFLLSQNFDDE
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name	RAD23A RAD23 homolog A (<i>S. cerevisiae</i>) [<i>Homo sapiens</i>]
Official Symbol	RAD23A
Synonyms	RAD23A; HHR23A; MGC111083; RAD23; yeast homolog; A; HR23A;
Gene ID	5886
mRNA Refseq	NM_005053

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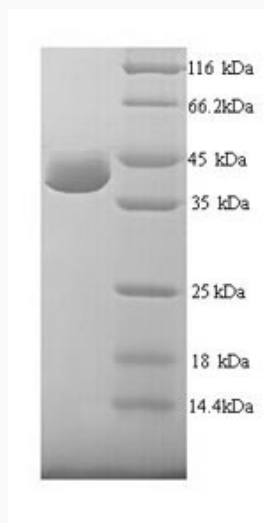
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Protein Refseq NP_005044

MIM 600061

UniProt ID P54725



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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