



Recombinant Human UV excision repair protein RAD23 homolog A (RAD23A)

Product Code	CSB-EP019259HU
Relevance	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.
Abbreviation	Recombinant Human RAD23A protein
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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P54725
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MAVTITLKTLLQQQTFKIRMEPDETVKVLKEKIEAEKGRDAFPVAGQKLIYAGKIL SDDVPIRDYRIDEKNFVVVMVTKTKAGQGTSAPPEASPTAAPESSTSFPPAPT SGMSHPPPAAREDKSPSEESAPTTSPESVSGSVPSSGSSGREEDAASLTVTG SEYETMLTEIMSMGYERERVVAALRASYNPHRAVEYLLTGIPGSPEPEHGSV QESQVSEQPATEAAGENPLEFLRDQPQFQNMQRQVIQQNPALLPALLQQLGQE NPQLLQQISRHQEQFIQMLNEPPGELADISDVEGEVGAIGEEAPQMNYIQVTP QEKEAIERLKGALGFPESLVIQAYFACEKNENLAANFLLSQNFDDE
Research Area	Epigenetics and Nuclear Signaling
Source	E.coli
Target Names	RAD23A
Expression Region	1-363aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal GST-tagged
Mol. Weight	66.6kDa

