Recombinant Human UV excision repair protein RAD23 homolog B (RAD23B)

Product Code	CSB-MP019260HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P54727
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MQVTLKTLQQ QTFKIDIDPE ETVKALKEKI ESEKGKDAFP VAGQKLIYAG KILNDDTALK EYKIDEKNFV VVMVTKPKAV STPAPATTQQ SAPASTTAVT SSTTTTVAQA PTPVPALAPT STPASITPAS ATASSEPAPA SAAKQEKPAE KPAETPVATS PTATDSTSGD SSRSNLFEDA TSALVTGQSY ENMVTEIMSM GYEREQVIAA LRASFNNPDR AVEYLLMGIP GDRESQAVVD PPQAASTGAP QSSAVAAAAA TTTATTTTTS SGGHPLEFLR NQPQFQQMRQ IIQQNPSLLP ALLQQIGREN PQLLQQISQH QEHFIQMLNE PVQEAGGQGG GGGGGSGGIA EAGSGHMNYI QVTPQEKEAI ERLKALGFPE GLVIQAYFAC EKNENLAANF LLQQNFDED
Source	Mammalian cell
Target Names	RAD23B
Protein Names	Recommended name: UV excision repair protein RAD23 homolog B Short name= HR23B Short name= hHR23B Alternative name(s): XP-C repair-complementing complex 58 kDa protein Short name= p58
Expression Region	1-409
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	This protein is one of two human homologs of Saccharomyces cerevisiae Rad23, a protein involved in the nucleotide excision repair (NER). This protein was found to be a component of the protein complex that specifically complements the NER defect of xeroderma pigmentosum group C (XP-c) cell extracts in vitro. This protein was also shown to interact with, and elevate the nucleotide excision activity of 3-methyladenine-DNA glycosylase (MPG), which suggested a role in DNA damage recognition in base excision repair. This protein contains an N-terminal ubiquitin-like domain, which was reported to interact with 26S proteasome, and thus this protein may be involved in the ubiquitin mediated proteolytic pathway in cells.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a

	concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	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.