



Recombinant Human RAD52 motif-containing protein 1 (RDM1)

Product Code	CSB-BP839879HU
Abbreviation	RDM1
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.	Q8NG50
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MAELVPFAVP IESDKTLLVW ELSSGPTAEA LHHSLF TAFS QFGLLYSVRV FPNAAVAHPG FYAVIKFYSA RAAHRAQKAC DRKQLFQKSP VKVRLGTRHK AVQHQUALALN SSKCQELANY YFGFNGCSKR IIKLQELSDL EERENEDSMV PLPKQSLKFF CALEVVL PSC DCRSPGIGLV EEPMDKVEEG PLSFLMKRKT AQKLAIQKAL SDAFQKLLIV VLESGKIAVE YRPSEDIVGV RCEEEELHGLI QVPCSPWKQY GQEEEGYLSDF SLEEEEFRL PELD
Source	Baculovirus
Target Names	RDM1
Protein Names	Recommended name: RAD52 motif-containing protein 1 Alternative name(s): RAD52 homolog B
Expression Region	1-284
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 gene encodes a protein involved in the cellular response to cisplatin, a drug commonly used in chemotherapy. This protein contains two motifs: a motif found in RAD52, a protein that functions in DNA double-strand breaks and homologous recombination, and an RNA recognition motif (RRM) that is not found in RAD52. The RAD52 motif region in RAD52 is important for protein function and may be involved in DNA binding or oligomerization. Alternatively spliced transcript variants encoding different isoforms have been reported.
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.