



Recombinant Human Crossover junction endonuclease MUS81 (MUS81)

Product Code	CSB-MP836272HU
Abbreviation	MUS81
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.	Q96NY9
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MAAPVRLGRK RPLPACPNPL FVRWLTEWRD EATRSRRRTR FVFQKALRSL RRYPLPLRSG KEAKILQHFG DGLCRMLDER LQRHRTSGGD HAPDSPSGEN SPAPQGRLAE VQDSSMPVPA QPKAGGSGSY WPARHSGARV ILLVLYREHL NPNNGHHFLTK EELLQRCAQK SPRVAPGSAR PWPALRSL LH RNLVLRTHQP ARYSLTPEGL ELAQKLAESE GLSLLNVGIG PKEPPGEETA VPGAASAELA SEAGVQQQPL ELRPGEYRVL LCVDIGETRG GGHRPELLRE LQRLHVHTHTV RKLHVGFVW VAQETNPRDP ANPGELVLDH IVERKRLDDL CSSIIDGRFR EQKFRLKRCG LERRVYLVEE HGSVHNL SLP ESTLLQAVTN TQVIDGFFVK RTADIKESAA YLALLTRGLQ RLYQGHTLRS RPWGTPGNPE SGAMTSPNPL CSLLTFSDFN AGAIKKAQS VREVFARQLM QVRGVSGEKA AALVDRYSTP ASLLAAYDAC ATPKEQETLL STIKCGRLQR NLGPALSRTL SQLYCSYGPL T
Source	Mammalian cell
Target Names	MUS81
Protein Names	Recommended name: Crossover junction endonuclease MUS81 EC= 3.1.22.-
Expression Region	1-551
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
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.