



# Recombinant Mouse Mitotic spindle assembly checkpoint protein MAD1 (Mad111)

<b>Product Code</b>	CSB-MP895741MO
<b>Abbreviation</b>	Mad111
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q9WTX8
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MEDLGENTTV LSSLRSLNNF ISQRMEGTSG LDVSTSASGS LQKQYEHMQ LEERAEQIRS KSYLIQVERE KMQMELSHKR ARVELERAAS TNARNYEREV DRNQELLARI RQLQECEATA EEKMREQLER HRLCKQNLDA VSQQLREQED SLASAREMIS SLKGRVSELQ LSAMDQKVQV KRLESEKQEL KEQLELQQRK WQEANQKIQE LQASQDERAE HEQKIKDLEQ KLCLQEQDAA VVKSMKSELM RMPRMERELK RLHEENTHLR EMKETNGLLT EELEGLQRKL SRQEKMQEAL VDLELEKEKL LAKLQSWENL DQTMGLNLRT PEDLSRFVVE LQQRELTKE KNNSITSSAR GLEKVQQQLQ DEVRQANAQL LEERKKRETH EALARRLQKR NALLTKERDG MRAILGSYDS ELTQTEYSTQ LTQRLWEAED MVQKVHAHSS EMEAQLSQAL EELGVQKQRA DTLEMELKML KAQTSSAESS FSFCKEEVDA LRLKVEELEG ERSRLEQEKQ VLEMQMEKLT LQGDYNQSRV KVLHMSLNPI SMARQRQHED HDRLQEECER LRGLVHALER GGPIPADLEA ASSLPSSKEV AELRKQVESA ELKNQRLKEV FQTKIQEFRK VCYTLTGYQI DVTTESQYRL TSRYAEHQTD CLIFKATGPS GSKMQLLETE FSRVPELIE LLLLQQDSIP AFLSALTIEL FSRQTSI
<b>Source</b>	Mammalian cell
<b>Target Names</b>	Mad111
<b>Protein Names</b>	Recommended name: Mitotic spindle assembly checkpoint protein MAD1 Alternative name(s): Mitotic arrest deficient 1-like protein 1 Short name= MAD1-like protein 1
<b>Expression Region</b>	1-717
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	MAD1L1 is a component of the mitotic spindle-assembly checkpoint that prevents the onset of anaphase until all chromosome are properly aligned at the



metaphase plate. MAD1L1 functions as a homodimer and interacts with MAD2L1. MAD1L1 may play a role in cell cycle control and tumor suppression. Three transcript variants encoding the same protein have been found for this gene.

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**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.

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**Shelf Life**

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