



# Recombinant Mouse Protein Mdm4 (Mdm4)

<b>Product Code</b>	CSB-EP013627MO-B
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O35618
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	<p>MTSHSTSAQC SASDSACRIS SEQISQVRPK LQLLKILHAA GAQGEVFTMK  EVMHYLGQYI MVKQLYDQQE QHMYVCGGDL LGDLLGCQSF SVKDPSPLYD  MLRKNLVTSA SINTDAAQTL ALAQDHTMDF PSQDRLKHGA TEYSNPRKRT  EEEDHTLPT SRHKCRDSRA DEDLIEHLSQ DETSRLDLDF EEWDVAGLPW  WFLGNLRNNC IPKSNGSTDL QTNQDIGTAI VSDTTDDLWF LNETVSEQLG  VGIKVEAANS EQTSEVGKTS NKKTVEVGKD DDLEDSRSL S DDTDVELTSE  DEWQCTECKK FNPSKRYCF RCWALRKDWY SDCSKLTHSL STSNITAIPE  KKDNEGIDVP DCRRTISAPV VRPKDGYLKE EKPRFDPCNS VGFLDLAHS  ESQEISSAR EQTDIFSEQK AETESMEDFQ NVLKPCSLCE KRPRDGNIIH  GKTSHLTTCF HCARRLKKSG ASCPACKKEI QLVIKVFIA</p>
<b>Source</b>	E.coli
<b>Target Names</b>	Mdm4
<b>Protein Names</b>	Recommended name: Protein Mdm4 Alternative name(s): Double minute 4 protein Mdm2-like p53-binding protein Protein Mdmx p53-binding protein Mdm4
<b>Expression Region</b>	1-489
<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>	<p>The human MDM4 gene, which plays a role in apoptosis, encodes a 490-amino acid protein containing a RING finger domain and a putative nuclear localization signal. The MDM4 putative nuclear localization signal, which all Mdm proteins contain, is located in the C-terminal region of the protein. The mRNA is expressed at a high level in thymus and at lower levels in all other tissues tested. MDM4 protein produced by in vitro translation interacts with p53 via a binding domain located in the N-terminal region of the MDM4 protein. MDM4 shows significant structural similarity to p53-binding protein MDM2. Two transcript variants, one protein-coding and the other likely not to be protein-coding, have been found for this gene.</p>
<b>Reconstitution</b>	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**

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.