



# Recombinant Rat Protein Mdm4 (Mdm4)

<b>Product Code</b>	CSB-EP713604RA
<b>Abbreviation</b>	Mdm4
<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>	Q5XIN1
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MTSHSTSAQC SASDSACRIS SEQINQQVRP KLQLLKILQA AGAQGEVFTM KEVMHYLGQY IMVKQLYDQQ EQHLVYCGGD LLGDLLGCQS FSVKDPSPLY DMLRKNLVTS ASVNTDAAQT LALAQDHTMD IPSQDRLKHG ATECSNPRKR TEEDDTHLTP TSRRKCRDSR ADEDLIEHLS QDETSRLDL D FEEWDVAGLP WWFLGNLRNN YIPRSNGSTD LQTNQDIGTA IVSDTTDDLW FLNETVSEQL GVGVKVEAAN CEQPSEVGRT RDKKMVEGGK DDDLEDSKSL SDDTDVEVTS EDEWQCTECK KFNPSKRYC FRCWALRKDW YSDCSKLT HS LSTSNITAIP EKKDNEGIDV PDCRRTISAP VVRPKDGYLK EEKPRFDPCN SVEFLDLAHLG SESQEIISST REQTDIFSEQ KTETESMEDF QNVLKPCSLC EKRPRDGNII HGKTSHLTTC FHCARRLKKS GASCPACKKE IQLVIKV FIA
<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>	1-490
<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>	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.



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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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