

Product datasheet for TP510250

Mad111 (NM_010752) Mouse Recombinant Protein

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | Purified recombinant protein of Mouse MAD1 mitotic arrest deficient 1-like 1 (Mad111), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug |
| Species: | Mouse |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >MR210250 representing NM_010752 Red=Cloning site Green=Tags(s) |

MEDLGENTTVLSSLRSLNNFISQRMEGTSGLDVSTASGSLQKQYEHMQLEERAEQIRSKSYLIQVERE
KMQMELSHKRARVELERAASSTNARNYEREVDNRQELLARIRQLQECEATAEEKMREQLERHRLCKQNLDA
VSQQLRQEDSLASAREMISSLKGRVSELQLSAMDQKQVQRLESEKQELKEQLELQQRKWQEQANQKIQE
LQASQDERAEHEQKIKDLEQKLCLEQDAAVVKSMSKSELMRMPRMERELKRLHEENTHLREMKETNGLLT
EELEGLQRKLSRQEKMQEALVDLELEKEKLLAKLQSWENLDQTMGLNLRTPEDLSRFVWELQQRELTKE
KNNSITSSARGLEKVQQQLQDEVQRANAQLLEERKKRETHEALARRLQQRNALLTKERDGMRAILGSYDS
ELTQTEYSTQLTQRLWEAEDMVQKVHAHSSMEAQLSQALEELGVQKQRADTLEMELKMLKAQTSSAESS
FSFCKEEVDALRLKVEELEGERSRLEQEKQVLEMQMEKLTQGDYNSRRTKVLHMSLNPISMARQRQHEH
HDRLQEECERLRGLVHALERGGPIPADLEAASSLPSSKEVAELRKQVESAEKLNQRLKEVFQTKIQEFRK
VCYTLTGYQIDVTTESQYRLTSRYAEHQTDCLIFKATGPSGSKMQLLETEFSRVPPELIELHLLQQDSIP
AFLSALTIELFSRQTSI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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| Tag: | C-MYC/DDK |
| Predicted MW: | 83.5 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| Note: | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage: | Store at -80°C after receiving vials. |



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| Stability: | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| RefSeq: | <u>NP_034882</u> |
| Locus ID: | 17120 |
| UniProt ID: | <u>Q9WTX8</u> |
| RefSeq Size: | 2640 |
| Cytogenetics: | 5 78.82 cM |
| RefSeq ORF: | 2151 |
| Synonyms: | A1173502; AW550425; Mad1 |
| Summary: | Component of the spindle-assembly checkpoint that prevents the onset of anaphase until all chromosomes are properly aligned at the metaphase plate. May recruit MAD2L1 to unattached kinetochores. Has a role in the correct positioning of the septum. Required for anchoring MAD2L1 to the nuclear periphery. Binds to the TERT promoter and represses telomerase expression, possibly by interfering with MYC binding.[UniProtKB/Swiss-Prot Function] |