

## Recombinant Human MDM4 protein, His -tagged

**Cat. No.** MDM4-4386H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
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| <b>Product Overview</b> | Recombinant Human MDM4 protein(O15151)(1-490aa), fused to N-terminal His tag, was expressed in E. coli.                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>ProteinLength</b>    | 1-490aa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.                                                                                                                                                                                                                                                                                                                                              |
| <b>Molecular Mass</b>   | 59.0 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>AA Sequence</b>      | <p>MTSFSTSAQCSTSDSACRISPGQINQVRPKLPLLKILHAAGAQGEMFTVKEVMHYLG</p> <p>QYIMVKQLYDQQEQHMYCYGGDLLGELLGRQSFVSKDPSPLYDMLRKNLVTLATAT</p> <p>TDAAQTLALAQDHSMDIPSQDQLKQSAEESSTSRKRTTEDDIPTLPTSEHKCIHSRE</p> <p>DEDLIENLAQDETSRLDLGFEEWDVAGLPWWFLGNLRSNYTPRSNGSTDLQTNQD</p> <p>VGTAIVSDTTDDLWFLNESVSEQLGVGIKVEAADTEQTSEEVGKVSDKKVIEVGKND</p> <p>DLEDKSLSDDDTDEVTSEDEWQCTECKKFNSPSKRYCFRCWALRKDWYSDCSKL</p> <p>THSLSTSDITAPEKENEGNDVPDCRRTISAPVVRPKDAYIKKENSCLFDPCNSVEFL</p> <p>DLAHSSSESQETISSMGEQLDNLSEQRDTENMEDCQNLLKPCSLCEKRPRDGNIIH</p> <p>GRTGHLVTCFHCARRLLKAGASCPICKKEIQLVIKVFIA</p> |

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|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purity</b>         | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                               |
| <b>Storage</b>        | Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                  |
| <b>Reconstitution</b> | 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. |

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | MDM4 Mdm4 p53 binding protein homolog (mouse) [ Homo sapiens ]                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Official Symbol</b> | MDM4                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Synonyms</b>        | MDM4; Mdm4 p53 binding protein homolog (mouse); Mdm4, transformed 3T3 cell double minute 4, p53 binding protein (mouse) , mouse double minute 4, human homolog of; p53 binding protein; protein Mdm4; MDMX; protein Mdmx; MDM4-related protein 1; mdm2-like p53-binding protein; double minute 4, human homolog of; p53-binding protein; Mdm4, transformed 3T3 cell double minute 4, p53 binding protein; HDMX; MRP1; MGC132766; DKFZp781B1423; |
| <b>Gene ID</b>         | 4194                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>mRNA Refseq</b>     | NM_001204171                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Protein Refseq</b>  | NP_001191100                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>MIM</b>             | 602704                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>UniProt ID</b>      | O15151                                                                                                                                                                                                                                                                                                                                                                                                                                          |

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