

E3 ubiquitin-protein ligase Mdm2 Recombinant Protein | MDM2 recombinant protein

Recombinant mouse E3 ubiquitin-protein ligase Mdm2

CATALOG #
AAA309734

HOST
E Coli

PRODUCT SYNONYMS

E3 ubiquitin-protein ligase Mdm2; Recombinant mouse E3 ubiquitin-protein ligase Mdm2; Double minute 2 proteinOncoprotein Mdm2p53-binding protein Mdm2; MDM2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90% as determined by SDS-PAGE.
Form/Format	20mM Tris-HCl based buffer, pH8.0
Sequence Positions	Full Length, 1-489aa
Sequence	MCNTNMSVST EGAASTSQIP ASEQETLVRP KPLLLKLLKS VGAQNDTYTM KEIIFYIGQY IMTKRLYDEK QQHIVYCSND LLGDVFGVPS FSVKEHRKIY AMIYRNLVAV SQQDSGTSL S ESRRQPEGGS DLKDPLQAPP EEKPSSSDLI SRLSTSSRRR SISETEENTD ELPGERHRKR RRSLSFDP SL GLCELREMCS GGSSSSSSSS SESTETPSHQ DLDDGVSEHS GDCLDQDSVS DQFSVEFEVE SLDS EYSL S DEGH ELSDED DEVYRVTVYQ TGESDTSFE GDPEISLADY WKCTSCNEMN PPLPSHCKRC WTLRENWLPD DKGKDKVEIS EKAKLENSAQ AEEGLDVDPG KKL TENDAKE PCAEEDSEEK AEQTPLSQES DDYSQPSTSS SIVYSSQESV KELKEETQDK DESVESSFSL NAIEPCVICQ GRPKNGCIVH GKTGHLMSCF TCAKKLKKRN KPCPVC RQPI QMIVLTYFN
Target Name	MDM2
Target Species	Mouse
Tag Info	His-tag
Preparation and Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

ADDITIONAL INFORMATION

Related Product Information for MDM2 recombinant protein

E3 ubiquitin-protein ligase that mediates ubiquitination of p53/TP53, leading to its degradation by the proteasome. Inhibits p53/TP53- and p73/TP73-mediated cell cycle arrest and apoptosis by binding its transcriptional activation domain. Also acts as a ubiquitin ligase E3 toward itself and ARRB1. Permits the nuclear export of p53/TP53. Promotes proteasome-dependent ubiquitin-independent degradation of retinoblastoma RB1 protein. Inhibits DAXX-mediated apoptosis by inducing its ubiquitination and degradation. Component of the TRIM28/KAP1-MDM2-p53/TP53 complex involved in stabilizing p53/TP53. Also component of the TRIM28/KAP1-ERBB4-MDM2 complex which links growth factor and DNA damage response pathways. Mediates ubiquitination and subsequent proteasome degradation of DYRK2 in nucleus. Ubiquitinates IGF1R and SNAI1 and promotes th to proteasomal degradation.

NCBI AND UNIPROT INFORMATION

NCBI GI #	570700841
NCBI GeneID	17246
NCBI Accession #	NP_001275515.1
NCBI GenBank Nucleotide #	NM_001288586.2

UniProt Accession #	P23804; Q61040; Q64330; Q91XK7
Molecular Weight	58.6kD
NCBI Official Full Name	E3 ubiquitin-protein ligase Mdm2 isoform 2
NCBI Official Synonym Full Names	transformed mouse 3T3 cell double minute 2
NCBI Official Symbol	Mdm2
NCBI Official Synonym Symbols	Mdm-2; AA415488; 1700007J15Rik
NCBI Protein Information	E3 ubiquitin-protein ligase Mdm2
UniProt Protein Name	E3 ubiquitin-protein ligase Mdm2
UniProt Gene Name	Mdm2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/mdm2-recombinant-protein-e-coli/309734>