

Recombinant Human MDM2 protein, T7/His-tagged

Cat. No. MDM2-134H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human MDM2 cDNA (491aa) fused with T7-His-TEV cleavage site Tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Form	1.0 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, Sucrose and DTT.
AA Sequence	MASMTGGQQMGRGRHHHHHGNLYFQGGFCNTNMSVPTDGAVTTSQIPASEQET LVRPKPLLLKLLKSVGAQKDT YTMKEVLFLGQYIMTKRLYDEKQQHIVYCSNDLLG DLFGVPSFSVKEHRKIYTMIRNLVVVNQQESSDSGTSV SENRCHLEGGSDQKDLV QELQEEKPSSSHLVSRPSTSSRRRAISETTEENSDELSEGERQKRHKSDSISLSFDES L ALCVIREICCERSSSSESTGTPSNPDLDAGVSEHSGDWLDQDSVSDQFSVEFEVE SLDSEDYSLSEEGQELSDDED DEVYQVTVYQAGESDTSFEEDPEISLADYWKCTSC NEMNPPLPSHCNRCWALRENWLPEDKGKDKGEISEKAKL ENSTQAEEGFDVPDCK KTIVNDSRESCVEENDDKITQASQSQESSEDYSQPSTSSSIYSSQEDVKEFEREETQ DK EESVESSLPLNAIEPCVICQGRPKNGCIVHGKTGHLMACFTCAKKLKKRNKPCPV CRQPIQMIVLTYFP
Purity	>90% by SDS-PAGE
Storage	Keep at -80 centigrade for long term storage. Product is stable at 4 centigrade for at least 7 days.

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GENE INFORMATION

Gene Name	MDM2 Mdm2, p53 E3 ubiquitin protein ligase homolog (mouse) [Homo sapiens]
Official Symbol	MDM2
Synonyms	MDM2; Mdm2, p53 E3 ubiquitin protein ligase homolog (mouse); Mdm2 p53 binding protein homolog (mouse) , Mdm2, transformed 3T3 cell double minute 2, p53 binding protein (mouse) , mouse double minute 2, human homolog of; p53 binding protein; E3 ubiquitin-protein ligase Mdm2; HDM2; HDMX; MGC5370; oncoprotein Mdm2; MDM2 variant FB28; MDM2 variant FB30; double minute 2, human homolog of; p53-binding protein; Mdm2, transformed 3T3 cell double minute 2, p53 binding protein; hdm2; ACTFS; MGC71221;
Gene ID	4193
mRNA Refseq	NM_002392
Protein Refseq	NP_002383
MIM	164785
UniProt ID	Q00987
Chromosome Location	12q13-q14
Pathway	AKT phosphorylates targets in the cytosol, organism-specific biosystem; Adaptive Immune System, organism-specific biosystem; Androgen Receptor Signaling Pathway, organism-specific biosystem; Apoptosis, organism-specific biosystem; Aurora A signaling, organism-specific biosystem; Bladder cancer, organism-specific

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biosystem; Bladder cancer, conserved biosystem;

Function

enzyme binding; ligase activity; metal ion binding; p53 binding; protein binding; ubiquitin-protein ligase activity; ubiquitin-protein ligase activity; zinc ion binding; zinc ion binding;

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