

## Active Recombinant Human MDM2, His-tagged

Cat. No. MDM2-105H    Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human MDM2 was expressed in the E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	<p>This gene encodes a nuclear-localized E3 ubiquitin ligase. The encoded protein can promote tumor formation by targeting tumor suppressor proteins, such as p53, for proteasomal degradation. This gene is itself transcriptionally-regulated by p53.</p> <p>Overexpression or amplification of this locus is detected in a variety of different cancers. There is a pseudogene for this gene on chromosome 2. Alternative splicing results in a multitude of transcript variants, many of which may be expressed only in tumor cells.</p>
<b>Form</b>	Liquid
<b>Bio-activity</b>	1 unit equals 1 nanogram of purified protein.
<b>Applications</b>	SDS-PAGE
<b>Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.
<b>Concentration</b>	20% Glycerol, 20mM Tris Cl, 100mM Potassium chloride, 1mM DTT, 0.2mM EDTA, pH 8.0

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 45-1 Ramsey Road, Shirley, NY 11967, USA

**Preservative**                      None

## GENE INFORMATION

**Gene Name**                      [MDM2](#) [MDM2 oncogene](#), [E3 ubiquitin protein ligase](#) [ [Homo sapiens\(human\)](#) ]

**Official Symbol**                [MDM2](#)

**Synonyms**                      [MDM2](#), [HDMX](#); [hdm2](#); [ACTFS](#); [MDM2 oncogene](#), [E3 ubiquitin protein ligase](#); [E3 ubiquitin-protein ligase Mdm2](#); [oncoprotein Mdm2](#); [Mdm2](#), [p53 E3 ubiquitin protein ligase homolog](#); [double minute 2, human homolog of](#); [p53-binding protein](#); [Mdm2, transformed 3T3 cell double minute 2, p53 binding protein](#); [EC 6.3.2.-](#)

**Gene ID**                          [4193](#)

**mRNA Refseq**                 [NM\\_002392](#)

**Protein Refseq**                [NP\\_002383](#)

**MIM**                              [164785](#)

**UniProt ID**                      [Q00987](#)

**Chromosome Location**        [12q14.3-q15](#)

**Pathway**                        [AKT phosphorylates targets in the cytosol](#); [Androgen receptor signaling pathway](#); [Bladder cancer](#)

**Function**                        [enzyme binding](#); [identical protein binding](#); [peroxisome proliferator activated receptor binding](#)

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