

Recombinant Human MDM2 Protein, His tagged

Cat. No. MDM2-2732H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MDM2 Protein with His tag was expressed in E. coli.
Species	Human
Source	E.coli
Description	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. 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.
Molecular Mass	14 kDa
AASequence	MHHHHHHHHENLYFQSQIPASEQETLVRPKPLLLKLLKSVGAQKDTYTMKEVLFYLG QYIMTKRLYDEKQQHIVYCSNDLLGDLFGVPSFSVKEHRKIYTMIRNLVVVNQQES SDSGTSVSEN
Purity	> 90% by SDS-PAGE
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Concentration 2.1 mg/mL by BCA

Storage Buffer Sterile 50mM Tris, 300mM NaCl, pH8.0

GENE INFORMATION

Gene Name MDM2 MDM2 proto-oncogene [Homo sapiens (human)]

Official Symbol MDM2

Synonyms MDM2; MDM2 proto-oncogene; HDMX; LSKB; hdm2; ACTFS; E3 ubiquitin-protein ligase Mdm2; MDM2 oncogene, E3 ubiquitin protein ligase; MDM2 proto-oncogene, E3 ubiquitin protein ligase; Mdm2, p53 E3 ubiquitin protein ligase homolog; Mdm2, transformed 3T3 cell double minute 2, p53 binding protein; double minute 2, human homolog of; p53-binding protein; oncoprotein Mdm2; EC 2.3.2.27

Gene ID 4193

mRNA Refseq NM_002392

Protein Refseq NP_002383

MIM 164785

UniProt ID A8WFP2

SDS-PAGE and WB Reducing 4%-20% SDS-PAGE (CBB stained) and WB (Anti-His Mouse Monoclonal antibody) analysis profiles of purified MDM2. 1. MDM2: 1 µg 2. BSA: 1 µg

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