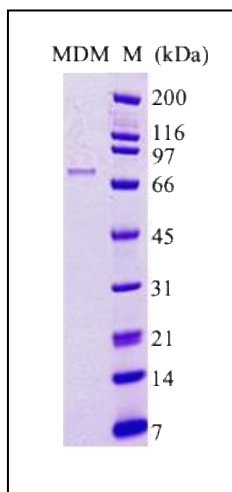


Recombinant MDM2 Protein

Catalog Number	Size
AG1121-10	10ug
AG1121-25	25ug
AG1121-B	Bulk

Description



The Murine double minute 2 (MDM2) onco-protein was expressed in the E coli system and purified by the combination of Ni-affinity column and other conventional chromatographic methods. The resulted protein contains 518 (21+497) amino acids with an 6His tag at the N-terminus. It migrates in SDS-PAGE with an apparent molecular mass of 70kDa.

```
MAHHHHHHASMVRSRQMCNTNMSVPTDGAVTTSQIPASEQETLVRPKPLL
LKLLKSVGAQKDTYTMKEVLFLYLGQYIMTKRLYDEKQQHIVYCSNDLLGD
LFGVPSFSVKEHRKIYTMIRNLVVVNQQESSDSGTSVSENRCHEGGSD
QKDLVQELQEEKPSSSHLVSRPSTSSRRRAISETEENSDELSEGERQKRH
KSDSISLSFDESALCVIREICCERSSSSESTGTPSNPDLDAGVSEHSGD
WLDQDSVSDQFSVEFEVESLDESDYSLSEEGQELSEDEDEVYQVTYQAG
ESDTSFEEDPEISLADYWKCTSCNEMNPPLPSHCNRCWALRENWLPEDK
GKDKGEISEKAKLENSTQAEFGFVDPCKKTIVNDSRESCVEENDDKITQ
ASQSQESSEDYSQPSTSSSIYSSQEDVKEFEREETQDKEESVESSLPLNA
IEPCVICQGRPKNGCIVHGKTGHLMACTCAKKLKKRNKPCPVCRQPIQM
IVLTYFPGLEHHHHHHHHH-
```

Accession Number

NM_002392

Molecular Mass

Approximately 70kDa.

Purity

≥90%, as determined by SDS-PAGE.

Biological Activity

The MDM2 onco-protein can promote tumor formation by targeting tumor suppressor protein, such as p53. Overexpression of MDM2 is detected in a variety of different cancers. The recombinant MDM2 protein can be used for the studies of transcription assays, protein-protein interactions, and other related function assays.

Formulation

20mM Tris-Cl (pH7.9), 20% glycerol 100mM NaCl, 1mM DTT and 1mM EDTA.

Storage

The protein sample can be stored under sterile conditions at 2-8°C for one month or at -20°C to -70°C for three months without detectable loss of activity. **(Avoid repeated freeze-thaw cycle)**

FOR RESEARCH USE ONLY!!!