



Recombinant Human MDM4 Protein Product Manual

1. Product Basic Information

Product No.: REP07433

Protein Name: Protein Mdm4 (MDM4)

Aliases: HDMX; MDMX; MRP1; BMFS6; protein Mdm4; protein Mdmx; MDM4, p53 regulator; MDM4 regulator of p53; Mdm4 p53 binding protein homolog; double minute 4, human homolog of; p53-binding protein

UniProt ID: O15151

UniProt Link: <https://www.uniprot.org/uniprotkb/O15151/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length (1-490aa)

Molecular Weight: 59.0 kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (1-490aa)

MTSFSTSAQCSTSDSACRISPGQINQVRPKLPLLKILHAAGAQQGEMFTVKEVMHYL
GQYIMVKQLYDQQEQHMYCGGDLGELLGRQSFSVKDPSPLYDMLRKNLVTLAT
ATTDAQAQTLALAQDHSMDIPSQDQLKQSAEESSTSRKRTTEDDIPTLPTSEHKCIHS
REDEDLIENLAQDETSRLDLGFEEWDVAGLPWWFLGNLRSNYTPRSNGSTDLQTN
QDVGTAIVSDDTDDLWFLNESVSEQLGVGKVEAADTEQTSEEVGKVSDKKVIEVGK
NDDLEDSKSLSDDDTDEVTSEDEWQCTECKKFNSPSKRYCFRCWALRKDWYSDC
SKLTHSLSTSDITAIPEKENEGNDVPDCRRTISAPVVRPKDAYIKKENSCLFDPCNSV
EFLDLAHSSESQETISSMGEQLDNLSEQRDTENMEDCQNLKPCSLCEKRPRDG
NIIHGRTGHLVTCFHCARRLKKAGASCPICKKEIQLVIKVFIA

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human MDM4 full length protein (1-490aa) expressed in E.coli. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. MDM4, also known as HDMX or MDMX or MRP1, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.