Recombinant Human MDM4 Protein, GST-tagged

Cat. No. MDM4-4493H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MDM4 full-length ORF (NP_002384.2, 1 a.a. - 490 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The human MDM4 gene, which plays a role in apoptosis, encodes a 490-amino acid protein containing a RING finger domain and a putative nuclear localization signal. The MDM4 putative nuclear localization signal, which all Mdm proteins contain, is located in the C-terminal region of the protein. The mRNA is expressed at a high level in thymus and at lower levels in all other tissues tested. MDM4 protein produced by in vitro translation interacts with p53 via a binding domain located in the N-terminal region of the MDM4 protein. MDM4 shows significant structural similarity to p53-binding protein MDM2. Two transcript variants, one protein-coding and the other likely not to be protein-coding, have been found for this gene. [provided by RefSeq
Molecular Mass	81.3 kDa
AA Sequence	MTSFSTSAQCSTSDSACRISPGQINQVRPKLPLLKILHAAGAQGEMFTVKEVMHYLG QYIMVKQLYDQQEQHMVYCGGDLLGELLGRQSFSVKDPSPLYDMLRKNLVTLATAT TDAAQTLALAQDHSMDIPSQDQLKQSAEESSTSRKRTTEDDIPTLPTSEHKCIHSRE DEDLIENLAQDETSRLDLGFEEWDVAGLPWWFLGNLRSNYTPRSNGSTDLQTNQD VGTAIVSDTTDDLWFLNESVSEQLGVGIKVEAADTEQTSEEVGKVSDKKVIEVGKND

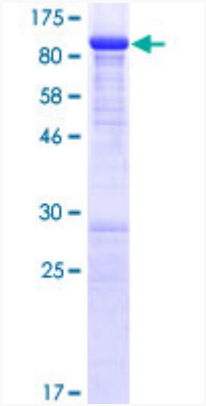
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	DLEDSKSLSDDTDVEVTSEDEWQCTECKKFNSPSKRYCFRCWALRKDWYSDCSKL THSLSTSDITAIPEKENEGNDVPDCRRTISAPVVRPKDAYIKKENSKLFDPCNSVEFL DLAHSSESQETISSMGEQLDNLSEQRTDTENMEDCQNLLKPCSLCEKRPRDGNIIH GRTGHLVTCFHCARRLKKAGASCPICKKEIQLVIKVFIA
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	MDM4 Mdm4 p53 binding protein homolog (mouse) [Homo sapiens]
Official Symbol	MDM4
Synonyms	MDM4; Mdm4 p53 binding protein homolog (mouse); Mdm4, transformed 3T3 cell double minute 4, p53 binding protein (mouse) , mouse double minute 4, human homolog of; p53 binding protein; protein Mdm4; MDMX; protein Mdmx; MDM4-related protein 1; mdm2-like p53-binding protein; double minute 4, human homolog of; p53-binding protein; Mdm4, transformed 3T3 cell double minute 4, p53 binding protein; HDMX; MRP1; MGC132766; DKFZp781B1423;
Gene ID	4194

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mRNA Refseq	NM_001204171
Protein Refseq	NP_001191100
MIM	602704
UniProt ID	O15151
Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue

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