



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### MDM4 (Human) Recombinant Protein (Q01)

**Catalog Number:** H00004194-Q01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human MDM4 partial ORF ( NP\_002384, 381 a.a. - 490 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

ENSKLFDPCNSVEFLDLAHSSSESQETISSMGEQLDNLS  
EQRTDTENMEDCQNLKPCSLCEKRPRDGNIIHGRTG  
HLVTCFHCARRLKKAGASCPIKKEIQLVIKVFIA

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 37.84

**Applications:** AP, Array, ELISA, WB-Re  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**Storage Buffer:** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 4194

**Gene Symbol:** MDM4

**Gene Alias:** DKFZp781B1423, HDMX, MDMX, MGC132766, MRP1

**Gene Summary:** 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]