



# 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

### MCM4 MaxPab rabbit polyclonal antibody (D01)

**Catalog Number:** H00004173-D01

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

**Product Description:** Rabbit polyclonal antibody raised against a full-length human MCM4 protein.

**Immunogen:** MCM4 (AAH31061.1, 1 a.a. ~ 863 a.a) full-length human protein.

**Sequence:**

MSSPASTPSRRGRRRGRATPAQTPRSEDARSSPSQR  
RRGEDSTSTGELQPMPTSPGVLDLQSPAAQDVLFFSSP  
PQMHSIAIPLDFDVSSPLTYGTPSSRVEGTPRSGVVRG  
TPVRQRPDLDGSAQKGLQVDLQSDGAAEDIVASEQSL  
GQKLVWGTDVNVAACKENFQRFLQRFDPLAKEEEN  
VGIDITEPLYMQRLGEINVIGEPFLNVNCEHIKSFKNL  
YRQLISYPQEVIPTFDMAVNEIFFDRYPDSILEHQIQVR  
PFNALKTKNMRNLNPEDIDQLITISGMVIRTSQLIPEMQ  
EAFFQCQVCAHTTRVEMDRGRIAEPSVCGRCHTTTHS  
MALIHNRSLFSDKQMIKLQESPEDMPAGQTPHTVILFA  
HNDLVDKVQPGDRVNVGTGIYRAVPIRVNPRVSNVKS  
YKTHIDVIHYRKTDAKRLHGLDEEAEQKLFSEKRVELL  
KELSRKPDYERLASALAPSIYEHEDIKKGILLQLFGGTR  
KDFSHTGRGKFRAEINILLCGDPGTSKSQLLYVYNLV  
PRGQYTSKGSSAVGLTAYVMKDPETRQLVLQTGAL  
VLSDNGICCIDEFDKMNESTRSVLHEVMEQQTLIAKA  
GIICQLNARTSVLAAANPIESQWNPCKTTIENIQLPHTLL  
SRFDLIFLMLDPQDEAYDRRLAHLVALYYQSEEQAE  
ELLDMAVLKDYIAYAHSTIMPRLSEEASQALIEAYVDMR  
KIGSSRGMVSAYPRQLESILRLAEAHAKVRLSNKVEAI  
DVEEAKRLHREALKQSATDPRTGIVDISILTGTMSATSR  
KRKEELAEALKKLILSKGKTPALKYQQLFEDIRGQSDIAI  
TKDMFEEALRALADDDFLTVTGKTVRLL

**Host:** Rabbit

**Reactivity:** Human, Mouse

**Applications:** IF, IP, WB-Ce, WB-Ti, WB-Tr

(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

**Storage Buffer:** No additive

**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 4173

**Gene Symbol:** MCM4

**Gene Alias:** CDC21, CDC54, MGC33310, P1-CDC21, hCdc21

**Gene Summary:** The protein encoded by this gene is one of the highly conserved mini-chromosome maintenance proteins (MCM) that are essential for the initiation of eukaryotic genome replication. The hexameric protein complex formed by MCM proteins is a key component of the pre-replication complex (pre-RC) and may be involved in the formation of replication forks and in the recruitment of other DNA replication related proteins. The MCM complex consisting of this protein and MCM2, 6 and 7 proteins possesses DNA helicase activity, and may act as a DNA unwinding enzyme. The phosphorylation of this protein by CDC2 kinase reduces the DNA helicase activity and chromatin binding of the MCM complex. This gene is mapped to a region on the chromosome 8 head-to-head next to the PRKDC/DNA-PK, a DNA-activated protein kinase involved in the repair of DNA double-strand breaks. Alternatively spliced transcript variants encoding the same protein have been reported. [provided by RefSeq]