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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

MCM6 (Human) Recombinant Protein (Q01)

Catalog Number: H00004175-Q01

Regulation Status: For research use only (RUO)

Product Description: Human MCM6 partial ORF (NP_005906, 2 a.a. - 110 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

DLAAAAPGAGSQHLEVRDEVAEKQKFLDFLEEFQ
SSDGEIKYLQLAEELIRPERNTLVVSFVDLEQFNQQLS
TTIQEEFYRVYPYLCRALKTFVKDRKEIPLAKDF

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 37.73

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: 4175

Gene Symbol: MCM6

Gene Alias: MCG40308, Mis5, P105MCM

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 the 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, 4 and 7 proteins possesses DNA helicase activity, and may act as a DNA unwinding enzyme. The phosphorylation of the complex by CDC2 kinase reduces the helicase activity, suggesting a role in the regulation of DNA replication. [provided by RefSeq]