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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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MCM7 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00004176-T01

規格 : [100 uL]

List All

Specification

Transfected Cell Line: 293T

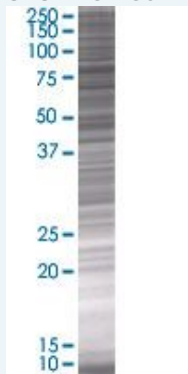
Plasmid: pCMV-MCM7 full-length

Host: Human

Theoretical MW (kDa): 79.2

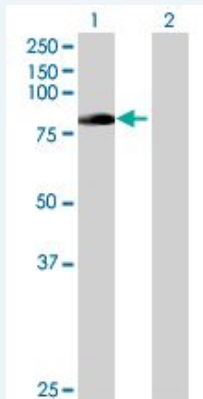
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-MCM7 antibody (H00004176-B01) by Western Blots.

SDS-PAGE Gel



MCM7 transfected lysate.

Western Blot



Lane 1: MCM7 transfected lysate (79.2 KDa)

Lane 2: Non-transfected lysate.

Storage Buffer: 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

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

MSDS:  [Download](#)

Applications

Western Blot

Gene Information

Entrez GeneID: [4176](#)

GeneBank [NM_005916](#)
Accession#:

Protein [NP_005907](#)
Accession#:

Gene Name: MCM7

Gene Alias: CDABP0042,CDC47,MCM2,P1.1-MCM3,P1CDC47,P85MCM,PNAS-146

Gene Description: minichromosome maintenance complex component 7

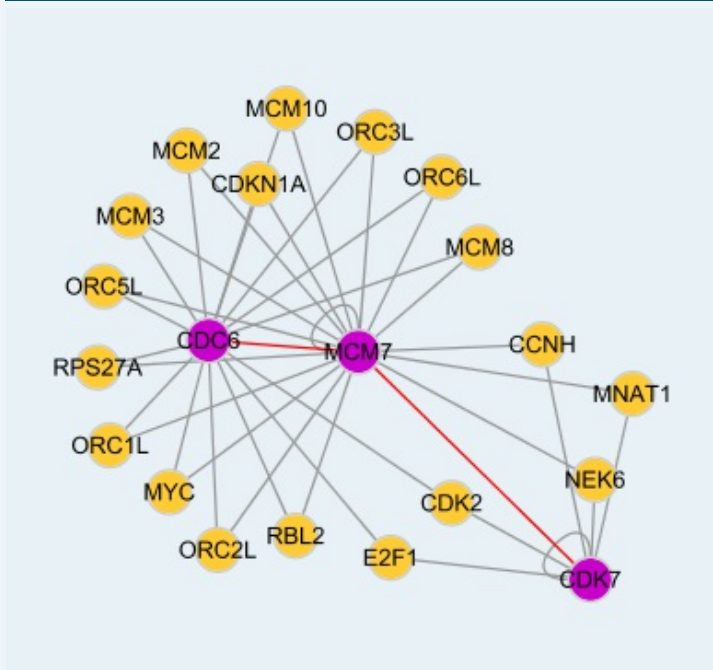
Omim ID: [600592](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The protein encoded by this gene is one of the highly conserved minichromosome 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 6 proteins possesses DNA helicase activity, and may act as a DNA unwinding enzyme. Cyclin D1-dependent kinase, CDK4, is found to associate with this protein, and may regulate the binding of this protein with the tumorsuppressor protein RB1/RB. Alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq]

Other Designations: DNA replication licensing factor MCM7,MCM7 minichromosome maintenance deficient 7,homolog of *S. cerevisiae* Cdc47,minichromosome maintenance deficient 7

Interactome



Gene Pathway

[Cell cycle](#) [DNA replication](#)

Related Disease

[Autistic Disorder](#) [Genetic Predisposition to Disease](#)

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