

# Recombinant Human MCM6

Catalog No: #GP10585



Package Size: #GP10585-1 100ug

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## Description

Product Name	Recombinant Human MCM6
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to C terminal 300 amino acids of human minichromosome maintenance complex component 6
Target Name	minichromosome maintenance complex component 6
Other Names	Mis5; P105MCM; MCG40308
Accession No.	Swissprot:Q14566Gene Accession:BC032374
Uniprot	Q14566
GenID	4175;
Storage	-20~-80°C, pH 7.6 PBS

## Background

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.?

## References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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