

# Recombinant Human MCM2

Catalog No: #GP10586



Package Size: #GP10586-1 100ug

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## Description

Product Name	Recombinant Human MCM2
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to C terminal 300 amino acids of human minichromosome maintenance complex component 2
Target Name	minichromosome maintenance complex component 2
Other Names	BM28; CCNL1; CDCL1; cdc19; D3S3194; MITOTIN
Accession No.	Swissprot:P49736Gene Accession:BC007670
Uniprot	P49736
GenID	4171;
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 involved in 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. This protein forms a complex with MCM4, 6, and 7, and has been shown to regulate the helicase activity of the complex. This protein is phosphorylated, and thus regulated by, protein kinases CDC2 and CDC7. Multiple alternatively spliced transcript variants have been found, but the full-length nature of some variants has not been defined.

## 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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