

MCM2 抗原（重组蛋白）

中文名称： MCM2 抗原（重组蛋白）

英文名称： MCM2 Antigen (Recombinant Protein)

别名： BM28; CCNL1; CDCL1; cdc19; D3S3194; MITOTIN

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to C terminal 300 amino acids of human MCM2

技术规格

Full name:	minichromosome maintenance complex component 2
Synonyms:	BM28; CCNL1; CDCL1; cdc19; D3S3194; MITOTIN
Swissprot:	P49736
Gene Accession:	BC007670
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
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 MCM

4, 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.