

MCM6 抗原（重组蛋白）

中文名称： MCM6 抗原（重组蛋白）

英文名称： MCM6 Antigen (Recombinant Protein)

别名： Mis5; P105MCM; MCG40308

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to C terminal 300 amino acids of human MCM6

技术规格

Full name:	minichromosome maintenance complex component 6
Synonyms:	Mis5; P105MCM; MCG40308
Swissprot:	Q14566
Gene Accession:	BC032374
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 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 c

omplex 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.