

MCM3AP 抗原（重组蛋白）

中文名称： MCM3AP 抗原（重组蛋白）

英文名称： MCM3AP Antigen (Recombinant Protein)

别 名： GANP; SAC3; MAP80

储 存： 冷冻（-20℃）

相关类别： 抗原

概 述：

Fusion protein corresponding to N terminal 150 amino acids of human MCM3AP

技术规格：

Full name:	minichromosome maintenance complex component 3 associated protein
Synonyms:	GANP; SAC3; MAP80
Swissprot:	O60318
Gene Accession:	BC104958
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 minichromosome maintenance protein 3 (MCM3) is one of the MCM proteins essential for the initiation of DNA replication. The protein encoded by this gene is a MCM3 binding protein. It was reported to have phosphorylation-dependent DNA-primase activity, which was up-regulated in antigen immunization induced germinal center. This protein was demonstrated to be an acetyltransferase.

ase that acetylates MCM3 and plays a role in DNA replication. The mutagenesis of a nuclear localization signal of MCM3 affects the binding of this protein with MCM3, suggesting that this protein may also facilitate MCM3 nuclear localization. This gene is expressed in the brain or in neuronal tissue. An allelic variant encoding amino acid Lys at 915, instead of conserved Glu, has been identified in patients with mild intellectual disability.