

# Recombinant Human MCM3AP

Catalog No: #GP11582



Package Size: #GP11582-1 100ug

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	Recombinant Human MCM3AP
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to N terminal 150 amino acids of human minichromosome maintenance complex component 3 associated protein
Target Name	minichromosome maintenance complex component 3 associated protein
Other Names	GANP; SAC3; MAP80
Accession No.	Swissprot:O60318Gene Accession:BC104958
Uniprot	O60318
GenID	8888;
Storage	-20~-80°C, pH 7.6 PBS

## 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 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.?

## 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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