

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### GANP (E1872) Peptide

Cat No.: BS1138P

#### Background

Minichromosome maintenance protein 3 (MCM3) is a protein essential for the initiation of DNA replication. MCM3-associated protein (MCM3AP), also known as GANP or MAP80, is a 1980 amino acid protein which binds to MCM3. MCM3AP is an acetyltransferase that acetylates MCM3, thereby playing an indirect role in DNA replication. MCM3AP is also believed to be involved in the nuclear localization of MCM3. Localized to the nucleus and the cytoplasm, GANP (MCM3AP) is thought to have phosphorylation-dependent DNA-primase activity that is up-regulated in germinal center regions. MCM3AP contains a nuclear localization signal, a coiled-coil structure and four LXXLL motifs.

#### Swiss-Prot

O60318

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS1138 GANP (E1872) pAb.

#### Purification & Purity

Synthetic peptide GANP (E1872). (Note: the amino acid sequence is proprietary). The purity is > 98%.

#### Product

1 mg/ml in DI water.

#### Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

#### Research Use

For research use only, not for use in diagnostic procedure.