

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### PRIM1 (K413) Peptide

Cat No.: BS3851P

#### Background

The replication of DNA in eukaryotic cells is carried out by a complex chromosomal replication apparatus, in which DNA polymerase alpha and primase are two key enzymatic components. Primase, which is a heterodimer of a small subunit and a large subunit, synthesizes small RNA primers for the Okazaki fragments made during discontinuous DNA replication. PRIM1 is the small, 49 kDa primase subunit. The replication of DNA in eukaryotic cells is carried out by a complex chromosomal replication apparatus, in which DNA polymerase alpha and primase are two key enzymatic components. Primase, which is a heterodimer of a small subunit and a large subunit, synthesizes small RNA primers for the Okazaki fragments made during discontinuous DNA replication. The protein encoded by this gene is the small, 49 kDa primase subunit.

#### Swiss-Prot

P49642

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS3851 PRIM1 (K413) pAb.

#### Purification & Purity

Synthetic peptide PRIM1 (K413). (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.

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