

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### DNA pol $\delta$ cat (D1091) Peptide

Cat No.: BS3850P

#### Background

DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. Common component of RNA polymerases I, II, and III which synthesize ribosomal RNA precursors, mRNA precursors and many functional non-coding RNAs, and small RNAs, such as 5S rRNA and tRNAs, respectively. Pol II is the central component of the basal RNA polymerase II transcription machinery. Pols are composed of mobile elements that move relative to each other. In Pol II, POLR2F/RPB6 is part of the clamp element and together with parts of RPB1 and RPB2 forms a pocket to which the RPB4-RPB7 subcomplex binds (By similarity).

#### Swiss-Prot

P28340

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS3850 DNA pol  $\delta$  cat (D1091) pAb.

#### Purification & Purity

Synthetic peptide DNA pol  $\delta$  cat (D1091). (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.