

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### POLR3A (P68) Peptide

Cat No.: BS3292P

#### Background

POLR3A (polymerase (RNA) III (DNA directed) polypeptide A), also known as RPC1 or RPC155, is a 1,390 amino acid protein that localizes to the nucleus and belongs to the RNA polymerase  $\beta$  chain family. Existing as the largest and catalytic core component of Pol III, POLR3A functions as a DNA-dependent RNA polymerase that catalyzes the conversion of a nucleoside triphosphate into a diphosphate, thereby transcribing DNA into RNA. The gene encoding POLR3A maps to human chromosome 10, which houses over 1,200 genes and comprises nearly 4.5% of the human genome.

#### Swiss-Prot

O14802

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS3292 POLR3A (P68) pAb.

#### Purification & Purity

Synthetic peptide POLR3A (P68). (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.