

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### AK6 (G35) Peptide

Cat No.: BS2171P

#### Background

TAF9(AK6) functions as a component of the DNA-binding general transcription factor complex TFIID and the regulatory transcription complex SAGA. Binding of TFIID to a promoter (with or without TATA element) is the initial step in pre-initiation complex (PIC) formation. TFIID plays a key role in the regulation of gene expression by RNA polymerase II through different activities such as transcription activator interaction, core promoter recognition and selectivity, TFIIA and TFIIB interaction, chromatin modification (histone acetylation by TAF1), facilitation of DNA opening and initiation of transcription. SAGA influences RNA polymerase II transcriptional activity through different activities such as TBP interaction (SPT3 and SPT8) and promoter selectivity, interaction with transcription activators (GCN5, ADA2, ADA3, and TRA1), and chromatin modification through histone acetylation (GCN5).

#### Swiss-Prot

Q9Y3D8

#### Applications

#### Blocking

#### Specificity

This peptide can be used with studies using BS2171 AK6 (G35) pAb.

#### Purification & Purity

Synthetic peptide AK6 (G35). (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.

Bioworld Technology, Inc.  
1660 South Highway 100, Suite 500 St. Louis Park, MN  
55416, USA. Email: [info@bioworld.com](mailto:info@bioworld.com)  
Tel: 6123263284 Fax: 6122933841

Bioworld technology, co, Ltd.  
No 9, weidi road Qixia District Nanjing, 210046,  
P, R.China. Email: [info@biogot.com](mailto:info@biogot.com)  
Tel: +86-025-68037686 Fax: +86-025-68035151