

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### Elongin A3 (E403) Peptide

Cat No.: BS2412P

#### Background

The elongin (SIII) complex is composed of a transcriptionally active A subunit and two small regulatory subunits, B and C. This complex stimulates the transcription elongation rate of RNA polymerase II by suppressing time spent at template-encoded arresting sites along DNA. Elongin A3, also known as RNA polymerase II transcription factor SIII subunit A3 and Transcription elongation factor B polypeptide 3C, is a 546 amino acid nuclear protein that functions as a general transcription elongation factor that increases RNA polymerase II transcription elongation and forms a stable complex with Elongin BC. In contrast to Elongin A, transcriptional activity of Elongin A3 is not stimulated by Elongin BC. Elongin A3 contains one TFIIS N-terminal domain and is ubiquitously expressed in human tissue.

#### Swiss-Prot

Q8NG57

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS2412 Elongin A3 (E403) pAb.

#### Purification & Purity

Synthetic peptide Elongin A3 (E403). (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.