

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### Translin (E121) Peptide

Cat No.: BS2314P

#### Background

Translin, also designated testis brain RNA-binding protein (TB-RBP), is a single-stranded DNA- and RNA-binding protein that binds to the 3' UTR regions (Y and H elements) of stored mRNAs, which suppresses their in vitro translation. The human translin gene maps to chromosome 2q21.1 and encodes a 26 kDa protein that has been highly conserved throughout evolution. Translin forms a ring-shaped structure, which is responsible for DNA binding, and also contains a leucine zipper motif, which is thought to enable translin to form dimers. Translin exports specific mRNAs out of the nucleus, supported by its localization in both the nuclei and cytoplasm of neurons, and regulates their translation.

#### Swiss-Prot

Q15631

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS2314 Translin (E121) pAb.

#### Purification & Purity

Synthetic peptide Translin (E121). (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.