

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### FBN1 (N2843) Peptide

Cat No.: BS1127P

#### Background

The fibrillin family of proteins, including fibrillin-1 (FBN1) and fibrillin-2 (FBN2), are integral components of a distinct subset of extracellular microfibrils. Microfibrils are found in elastic tissues where they facilitate elastic fiber formation and in non-elastic tissue where they support the association of the epithelial cells with the interstitial matrix. Characteristic of the fibrillin proteins are the epidermal growth factor (EGF)-like motifs, which contain a consensus sequence for calcium binding. This calcium association may be critical for protein-protein interactions and stabilization of the microfibrils. Mutations of the FBN1 gene have been shown to result in Marfan syndrome, a disease characterized by abnormal synthesis, secretion and matrix deposition of fibrillin. FBN2 is also linked to a rare, yet similar, skeletal disorder, congenital contractural arachnodyctyly.

#### Swiss-Prot

P35555

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS1127 FBN1 (N2843) pAb.

#### Purification & Purity

Synthetic peptide FBN1 (N2843). (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.