

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### COL4A1 (G46) Peptide

Cat No.: BS1072P

#### Background

The extensive family of COL gene products (collagens) is composed of several chain types, including fibril-forming interstitial Collagens (Types I, II, III and V) and basement membrane Collagens (Type IV), each type containing multiple isoforms. Collagens are fibrous, extracellular matrix proteins with high tensile strength and are the major components of connective tissue, such as tendons and cartilage. All collagens contain a triple helix domain and frequently show lateral self-association in order to form complex connective tissues. Several collagens also play a role in cell adhesion, important for maintaining normal tissue architecture and function.

#### Swiss-Prot

P02462

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS1072 COL4A1 (G46) pAb.

#### Purification & Purity

Synthetic peptide COL4A1 (G46). (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.