

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



COL11A2 (P1232) Peptide

Cat No.: BS9132P

Background

COL11A2 (collagen, type XI, alpha 2), also known as Collagen $\alpha 2$ Type XI, HKE5, PARP, STL3, DFNA13 or DFNB53, is a 1,736 amino acid secreted protein that contains one TSP N-terminal domain and is thought to play an essential role in fibrillogenesis, specifically by controlling the lateral growth of collagen fibrils. Defects in the gene encoding COL11A2 are the cause of Stickler syndrome type 3 (STL3), autosomal recessive otospondyloomegaepiphyseal dysplasia (OSMED), Weissenbacher-Zweymueller syndrome (WZS) and non-syndromic sensorineural deafness autosomal dominant type 13 (DFNA13). Eight isoforms of COL11A2 exist due to alternative splicing events.

Swiss-Prot

P13942

Applications

Blocking

Specificity

This peptide can be used with studies using BS9132 COL11A2 (P1232) pAb.

Purification & Purity

Synthetic peptide COL11A2 (P1232). (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.