

COL9A3 Blocking Peptide (Center)
Synthetic peptide
Catalog # BP20102c**Specification**

COL9A3 Blocking Peptide (Center) - Product Information

Primary Accession [O14050](#)
Other Accession [NP_001844.3](#)

COL9A3 Blocking Peptide (Center) - Additional Information

Gene ID 1299

Other Names

Collagen alpha-3(IX) chain, COL9A3

Target/Specificity

The synthetic peptide sequence is selected from aa 516-528 of HUMAN COL9A3

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

COL9A3 Blocking Peptide (Center) - Protein Information

Name COL9A3

Function

Structural component of hyaline cartilage and vitreous of the eye.

Cellular Location

Secreted, extracellular space, extracellular matrix

COL9A3 Blocking Peptide (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

COL9A3 Blocking Peptide (Center) - Images

COL9A3 Blocking Peptide (Center) - Background

This gene encodes one of the three alpha chains of type IX collagen, the major collagen component of hyaline cartilage. Type IX collagen, a heterotrimeric molecule, is usually found in tissues containing type II collagen, a fibrillar collagen. Mutations in this gene are associated with multiple epiphyseal dysplasia type 3.

COL9A3 Blocking Peptide (Center) - References

Jackson, G.C., et al. Am. J. Med. Genet. A 152A (4), 863-869 (2010) :
Videman, T., et al. Arthritis Rheum. 60(2):470-481(2009)
Karppinen, J., et al. Spine 33(11):1236-1241(2008)
Decramer, S., et al. World J Urol 25(5):457-465(2007)
Virtanen, I.M., et al. Spine 32(10):1129-1134(2007)