

**MATN1 Antibody (C-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP12822b****Specification**

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**MATN1 Antibody (C-term) Blocking peptide - Product Information**

Primary Accession [P21941](#)

**MATN1 Antibody (C-term) Blocking peptide - Additional Information**

**Gene ID** 4146

**Other Names**

Cartilage matrix protein, Matrilin-1, MATN1, CMP, CRTM

**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.

**MATN1 Antibody (C-term) Blocking peptide - Protein Information**

**Name** MATN1

**Synonyms** CMP, CRTM

**Function**

Cartilage matrix protein is a major component of the extracellular matrix of non-articular cartilage. It binds to collagen.

**Cellular Location**

Secreted, extracellular space, extracellular matrix

**MATN1 Antibody (C-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**MATN1 Antibody (C-term) Blocking peptide - Images**

**MATN1 Antibody (C-term) Blocking peptide - Background**

This gene encodes a member of von Willebrand factor A domain containing protein family. This family of proteins are thought to be involved in the formation of filamentous networks in the extracellular matrices of various tissues. Mutations of this gene have been associated with a variety of inherited chondrodysplasias.

#### **MATN1 Antibody (C-term) Blocking peptide - References**

Jang, J.Y., et al. J. Dent. Res. 89(11):1203-1207(2010) Fresquet, M., et al. J. Biol. Chem. 285(44):34048-34061(2010) Wheeler, H.E., et al. PLoS Genet. 5 (10), E1000685 (2009) :Chen, Z.J., et al. Zhonghua Wai Ke Za Zhi 47(17):1332-1335(2009) Caporaso, N., et al. PLoS ONE 4 (2), E4653 (2009) :