

**LAMA4 Blocking Peptide (C-term)**

Synthetic peptide

Catalog # BP21315b

**Specification**

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**LAMA4 Blocking Peptide (C-term) - Product Information**

Primary Accession

[Q16363](#)**LAMA4 Blocking Peptide (C-term) - Additional Information**

Gene ID 3910

**Other Names**

Laminin subunit alpha-4, Laminin-14 subunit alpha, Laminin-8 subunit alpha, Laminin-9 subunit alpha, LAMA4

**Target/Specificity**

The synthetic peptide sequence is selected from aa 1474-1488 of HUMAN LAMA4

**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.

**LAMA4 Blocking Peptide (C-term) - Protein Information**

Name LAMA4

**Function**

Binding to cells via a high affinity receptor, laminin is thought to mediate the attachment, migration and organization of cells into tissues during embryonic development by interacting with other extracellular matrix components.

**Cellular Location**

Secreted, extracellular space, extracellular matrix, basement membrane. Secreted. Note=Major basement membrane component

**Tissue Location**

Detected in placenta (at protein level) (PubMed:32337544). Detected in fibroblasts and urine (at protein level) (PubMed:25326458, PubMed:36213313, PubMed:37453717). In adult, strong expression in heart, lung, ovary small and large intestines, placenta, liver; weak or no expression in skeletal muscle, kidney, pancreas, testis, prostate, brain. High expression in fetal lung and kidney Expression in fetal and newborn tissues is observed in certain mesenchymal cells in tissues

such as smooth muscle and dermis

#### **LAMA4 Blocking Peptide (C-term) - Protocols**

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

- [Blocking Peptides](#)

#### **LAMA4 Blocking Peptide (C-term) - Images**

#### **LAMA4 Blocking Peptide (C-term) - Background**

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#### **LAMA4 Blocking Peptide (C-term) - References**

Iivanainen A., et al. FEBS Lett. 365:183-188(1995).  
Richards A.J., et al. Eur. J. Biochem. 238:813-821(1996).  
Nakajima D., et al. Submitted (MAR-2005) to the EMBL/GenBank/DDBJ databases.  
Kalline N., et al. Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.  
Mungall A.J., et al. Nature 425:805-811(2003).