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LAMA4 Blocking Peptide (C-term)

Synthetic peptide
Catalog # BP21315b

Specification

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

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.

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).
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Mungall A.J.,et al.Nature 425:805-811(2003).