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AQPEP Blocking Peptide (C-Term)

Synthetic peptide
Catalog # BP21461b

Specification

AQPEP Blocking Peptide (C-Term) - Product Information

Primary Accession Q6Q4G3

AQPEP Blocking Peptide (C-Term) - Additional Information

Gene ID 206338

Other Names
Aminopeptidase Q, AP-Q, 3411-, CHL2 antigen, Laeverin, AQPEP, LVRN

Target/Specificity
The synthetic peptide sequence is selected from aa 844-857 of HUMAN AQPEP

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.

AQPEP Blocking Peptide (C-Term) - Protein Information

Name LVRN (HGNC:26904)

Function
Metalloprotease which may be important for placentation by regulating biological activity of key peptides at the embryo-maternal interface. On synthetic substrates it shows a marked preference for Leu-4-methylcoumaryl-7-amide (Leu-MCA) over Met-MCA, Arg-LCA and Lys- LCA. Cleaves the N-terminal amino acid of several peptides such as angiotensin-3, kisspeptin-10 and endokinin C.

Cellular Location
Membrane; Single- pass type II membrane protein

Tissue Location
Specifically expressed in placenta and not in other tissues. Mainly found at the cell surface region of the extravillous trophoblasts. Detected on extravillous trophoblasts in the outer layer of the chorion laeve in the fetal membrane Not detected on either fetal amnionic epithelial cells or maternal decidual cells. Also detected in the migrating extravillous trophoblasts in the maternal decidual tissues (at protein level).

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AQPEP Blocking Peptide (C-Term) - Protocols

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

- Blocking Peptides

AQPEP Blocking Peptide (C-Term) - Images

AQPEP Blocking Peptide (C-Term) - Background

Metalloprotease which may be important for placentation by regulating biological activity of key peptides at the embryo- maternal interface. On synthetic substrates it shows a marked preference for Leu-4-methylcoumaryl-7-amide (Leu-MCA) over Met- MCA, Arg-LCA and Lys-LCA. Cleaves the N-terminal amino acid of several peptides such as angiotensin-3, kisspeptin-10 and endokinin C.

AQPEP Blocking Peptide (C-Term) - References

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