

(Mouse) Plet1 Blocking Peptide (Center)
Synthetic peptide
Catalog # BP21437c

Specification

(Mouse) Plet1 Blocking Peptide (Center) - Product Information

Primary Accession [Q8VEN2](#)

(Mouse) Plet1 Blocking Peptide (Center) - Additional Information

Gene ID 76509

Other Names

Placenta-expressed transcript 1 protein, Antigen mAgK114, Plet1

Target/Specificity

The synthetic peptide sequence is selected from aa 82-95 of HUMAN Plet1

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.

(Mouse) Plet1 Blocking Peptide (Center) - Protein Information

Name Plet1

Function

Modulates leading keratinocyte migration and cellular adhesion to matrix proteins during a wound-healing response and promotes wound repair. May play a role during trichilemmal differentiation of the hair follicle.

Cellular Location

Apical cell membrane; Lipid-anchor, GPI-anchor. Note=Localized at the apical membrane of the most differentiated keratinocytes of the outer root sheath (ORS), clustered mainly in planar regions of the plasma membrane at the base of microvilli

Tissue Location

Present in hair follicle cells and sebaceous gland of skin, ciliated epithelial cells of trachea and bronchial tube, striated portion of submandibular gland, distal convoluted tubule cells of kidney, ciliated epithelial cells of oviduct, medulla of adrenal gland and anterior lobe of pituitary gland. Expressed in keratinocytes of the hair follicle at the trichilemmal zone corresponding to the terminally differentiated outermost suprabasal outer root sheath (ORS), including that of the

sebaceous gland duct (SGD) and the directly adjacent upper distal end of the companion layer (CL). Expression is similar in all hair follicle growth stages. Also detected during both the early and late anagen phases above the bulge of stem cells Expressed at the leading edge of the epidermal wound. Not expressed in the interfollicular epidermis (IFE), inner root sheath (IRS) and hair fiber. Highly expressed in placenta. Detected in mammary and prostate epithelia and in the pancreas (at protein level)

(Mouse) Plet1 Blocking Peptide (Center) - Protocols

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

- [Blocking Peptides](#)

(Mouse) Plet1 Blocking Peptide (Center) - Images

(Mouse) Plet1 Blocking Peptide (Center) - Background

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(Mouse) Plet1 Blocking Peptide (Center) - References

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Carninci P.,et al.Science 309:1559-1563(2005).
Takeuchi M.,et al.Zool. Sci. 22:995-1001(2005).
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