

pVEC (Cadherin-5)

Cat. No.:	HY-P4104
CAS No.:	383430-30-6
Molecular Formula:	C ₉₈ H ₁₇₇ N ₃₇ O ₂₁
Molecular Weight:	2209.69
Sequence:	Leu-Leu-Ile-Ile-Leu-Arg-Arg-Arg-Ile-Arg-Lys-Gln-Ala-His-Ala-his-Ser-Lys-OH
Sequence Shortening:	LLIILRRRIRKQAHASK
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	pVEC (Cadherin-5) is a cell-penetrating 18-amino acid-long peptide derived from the murine sequence of the cell adhesion molecule vascular endothelial cadherin. pVEC (Cadherin-5) is efficiently and rapidly taken up into cells, it can be used as a carrier peptide ^[1] .
In Vitro	pVEC (Cadherin-5) accumulates in nuclear structures and it is highly uptaken by murine brain endothelial cells ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Elmquist A, et al. VE-cadherin-derived cell-penetrating peptide, pVEC, with carrier functions. Exp Cell Res. 2001 Oct 1;269(2):237-44.

Caution: Product has not been fully validated for medical applications. For research use only.

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