



Product Data Sheet

Product Name:	pVEC (Cadherin-5)	
Catalog Number:	AS-65465 (1 mg)	Lot Number: See label on vial
Sequence:	Leu-Leu-Ile-Ile-Leu-Arg-Arg-Arg-Ile-Arg-Lys-Gln-Ala-His-Ala-his-Ser-Lys-OH LLIILRRRIRKQAHASK	
Molecular Weight:	2209.7	
Peptide Purity:	Peak Area by HPLC \geq 95%	
Storage:	This peptide is shipped at ambient temperature. Upon receipt, store lyophilized peptide at -20°C or lower. Reconstituted peptide can be aliquoted and stored at -20°C or lower.	
Description:	pVEC is a cell-penetrating peptide (CPP) that is derived from murine vascular endothelium cadherin. It can permeate cell membrane at low micromolar concentration without significantly affecting cell membrane. pVEC can be conjugated with large molecules and used as a drug delivery vehicle.	
References:	<ol style="list-style-type: none">1. Nasrollahi, SA. et al. <i>Chem Biol Drug Des</i> 08, 639-646 (2012).2. Elmquist, A. et al. <i>Exp Cell Res</i> 269 (2), 237-244 (2001).	

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