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## Product Data Sheet

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**Cat#:** AP-324-U  
**Cat#:** AP-324-B, Biotin labeled  
**Cat#:** AP-324-F, FITC labeled

**Product Description:** Mouse Retina

**Aptamer Type:** Peptide

**Sequence:** CSCFRDVCC; 9-mer

**Size** 5 mg

**Mol. Wt:** 1117.41 g/mole

**Purity:** >95%

**Affinity:** n/a

**Comments:** n/a

**Notes:** The enrichment in homing to the target organs relative to an unselected phage was 3-35-fold. Peptide sequences that conferred selective phage homing to the vasculature of lung, skin, and pancreas were characterized in detail. Immunohistochemistry showed that the phage localized in the blood vessels of their target organ. When tested, the phage homing was blocked in the presence of the cognate peptide.

**References:** Rajotte et al. "Molecular Heterogeneity of the Vascular Endothelium Revealed by In Vivo Phage Display." Journal of Clinical Investigations, 102(1998): 430-437.

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