ALPHA DIAGNOSTIC INTERNATIONAL

Product Data Sheet

Cat#: AP-304-U
Cat#: AP-304-B, Biotin labeled
Cat#: AP-304-F, FITC labeled

Product Description: Brain Vasculature

Aptamer Type: Peptide

Sequence: CLSSRLDAC; 9-mer

Size 5 mg

Mol. Wt: 1049.27 g/mole

Purity: >95%

Affinity: n/a

Comments: n/a

Notes: Showed up to 13-fold selectivity for brain and kidney blood vessels. It is shown to specifically inhibit the localization of the homologous phage into the brain. When coated onto glutaraldehyde-fixed red blood cells, the peptide caused selective localization of intravenously injected cells into the brain.

References: Pasqualini and Ruoslahti. "Organ targeting in vivo using phage display peptide libraries." Letters to Nature, 380(1996):364-366.

150813V

Alpha Diagnostic Intl Inc., 6203 Woodlake Center Dr, San Antonio, TX 78244, USA; **Email**: service@4adi.com
☎ (800) 786-5777; (210) 561-9515; **Fax**: (210) 561-9544; **Web Site**: www.4adi.com