

## Product Data Sheet

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| <b>Cat#:</b>                | AP-313-U   |
| <b>Cat#:</b>                | AP-313-B, Biotin labeled   |
| <b>Cat#:</b>                | AP-313-F, FITC labeled   |
| <b>Product Description:</b> | Human Breast Cancer Xenografts (RGD-4C)  |
| <b>Aptamer Type:</b>        | Peptide  |
| <b>Sequence:</b>            | CDCRGDCFC; 9-mer   |
| <b>Size</b>                 | 5 mg   |
| <b>Mol. Wt:</b>             | 1103.34 g/mole   |
| <b>Purity:</b>              | >95%   |
| <b>Affinity:</b>            | n/a  |
| <b>Comments:</b>            | n/a  |
| <b>Notes:</b>               | Enhanced the efficacy of the drug against human breast cancer xenografts in nude mice and also reduced its toxicity.                 |
| <b>References:</b>          | Arap et al. "Cancer Treatment by Targeted Drug Delivery to Tumor Vasculature in a Mouse Model." <i>Science</i> , 279(1998): 377-380. |

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