

## Product Data Sheet

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**Cat#:** AP-323-U  
**Cat#:** AP-323-B, Biotin labeled  
**Cat#:** AP-323-F, FITC labeled

**Product Description:** Mouse Placenta

**Aptamer Type:** Peptide

**Sequence:** TPKTSVT; 7-mer

**Size** 5 mg

**Mol. Wt:** 778.96 g/mole

**Purity:** >95%

**Affinity:** n/a

**Comments:** n/a

**Notes:** Homes to the yolk sac, induces placental necrosis, and disrupts embryo development. This peptide promotes transcytosis of phage into the embryo and blocks the transplacental transport of immunoglobulins.

**References:** Kolonin et al. "Teratogenicity induced by targeting a placental immunoglobulin transporter." PNAS, 99(2002): 13055-13060.

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