

DATASHEET

Version: 2016-08-18

Peptide C105Y**Cat. No.:** RP20382**Size:** 1 mg**Description:**

This is a synthetic peptide based on the sequence corresponding to residues 359 to 374 of α 1-antitrypsin. C105Y can penetrate cell membrane rapidly, enter the cytoplasm, and localize to the nucleus and nucleolus of live culture cells. C105Y peptide is routed to the nucleolus very rapidly in an energy-dependent fashion; whereas membrane translocation and nuclear localization are energy-independent. It enhances gene expression from DNA nanoparticles.

Sequence (one-letter code):

CSIPPEVKFNKPFVYLI

Sequence (three-letter code):

{Cys}{Ser}{Ile}{Pro}{Pro}{Glu}{Val}{Lys}{Phe}{Asn}{Lys}{Pro}{Phe}{Val}{Tyr}{Leu}{Ile}

Formula: C₉₇H₁₄₈N₂₀O₂₃S**Molecular Weight:** 1,994.41**Purity:** > 95%**Storage:**

Store at -20°C. Keep tightly closed. Store in a cool dry place.

Note:

*For Non-Clinical Research Use Only *

