

## Antide

<b>CATALOG #:</b>	4005-1000	1 mg
<b>LOT #:</b>	_____	
<b>SOURCE:</b>	Synthetic	
<b>PURITY:</b>	>99 % by SDS-PAGE and RP-HPLC analyses	
<b>FORM:</b>	Sterile filtered and lyophilized with no additives	

### RECONSTITUTION:

Centrifuge the vial prior to opening. Reconstitute in sterile dW to a concentration  $\geq 100 \mu\text{g/ml}$ . This solution can then be diluted into other aqueous buffers and stored at 4 °C for 2-7 days and at -20 °C for future use.

### STORAGE CONDITIONS:

The lyophilized protein is best-stored desiccated at -20 °C. Reconstituted Antide should be stored in working aliquots at -20°C. For long term storage it is recommended to add a carrier protein (0.1% HAS or BSA). Prevent freeze/thaw cycles

### DESCRIPTION:

Antide acetate is an LHRH antagonist and represses LH and FSH release from the pituitary gland. Antide has a molecular formula of  $\text{C}_{82}\text{H}_{108}\text{ClN}_{17}\text{O}_{14}$  and a molecular weight of 1.591 kDa.

### AMINO ACID SEQUENCE:

Ac-D-2-Nal-4-chloro-D-Phe-b-(3-pyridyl)-D-Ala-Ser-Lys(nicotinoyl)-D-Lys(nicotinoyl)-Leu-Lys(isopropyl)-Pro-D-Ala-NH<sub>2</sub>.

**FOR RESEARCH USE ONLY! Not to be used in humans.**

### RELATED PRODUCTS:

#### Apoptosis Detection Kits & Reagents

- Annexin V Kits & Bulk Reagents
- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

#### Cell Fractionation System

- Mitochondria/Cytosol Fractionation Kit
- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

#### Cell Proliferation & Senescence

- Quick Cell Proliferation Assay Kit
- Senescence Detection Kit
- High Throughput Apoptosis/Cell Viability Assay Kits
- LDH-Cytotoxicity Assay Kit
- Bioluminescence Cytotoxicity Assay Kit
- Live/Dead Cell Staining Kit

#### Cell Damage & Repair

- HDAC Fluorometric & Colorimetric Assays & Drug Discovery Kits
- HAT Colorimetric Assay Kit & Reagents
- DNA Damage Quantification Kit
- Glutathione & Nitric Oxide Fluorometric & Colorimetric Assay Kits

#### Signal Transduction

- cAMP & cGMP Assay Kits
- Akt & JNK Activity Assay Kits
- Beta-Secretase Activity Assay Kit

#### Adipocyte & Lipid Transfer

- Recombinant Adiponectin, Survivin, & Leptin
- CETP Activity Assay & Drug Discovery Kits
- PLTP Activity Assay & Drug Discovery Kits
- Total Cholesterol Quantification Kit

#### Molecular Biology & Reporter Assays

- siRNA Vectors
- Cloning Insert Quick Screening Kit
- Mitochondrial & Genomic DNA Isolation Kits
- 5 Minutes DNA Ligation Kit
- 20 Minutes Gel Staining/Destaining Kit
- $\beta$ -Galactosidase Staining Kit & Luciferase Reporter Assay Kit

#### Growth Factors and Cytokines

#### Monoclonal and Polyclonal Antibodies