



Poly-D-Lysine

Cat. No. PT022

Lot. No. (See product label)

Product Description

The molecular weight of Poly-D-Lysine can vary significantly with lower molecular weight (30 kDa) being less viscous and higher molecular weight (>300 kDa) having more binding sites per molecule. This product's molecular weight ranges from 70 to 150 kDa yielding a solution viscosity for easy handling while providing sufficient binding sites for cell attachment.

Application

Poly-D-Lysine is a synthetic amino acid chain that is positively charged and widely used as a coating to enhance cell attachment and adhesion to both plasticware and glass surfaces. This molecule is resistant to enzymatic degradation and has been used to culture a wide variety of cell types.

Poly-D-Lysine surface coatings are designed to improve cell attachment, growth and differentiation of many cell types. Coated surfaces will often improve cell attachment in reduced or serum-free conditions.

Molecular Weight

70 - 150 kDa

State

Powder

Sterilization Method

Non-Sterile

Storage/Stability

-20 °C

Shelf Life

Minimum of 6 months from date of receipt

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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