



# GDF 8

(Myostatin) Prodomain Peptide — 23 mer

## PEPTIDE RESEARCH COMPOUND

### **Dilution Guidelines**

- Use **1.0–2.0 mL** BAC water per **1 mg** vial (adjust proportionally for other vial sizes)
- Allow vial and BAC water to reach room temperature before mixing
- Add diluent gently down the inner wall — avoid spraying directly onto the powder
- Swirl or roll gently until fully dissolved; avoid vigorous shaking

### **Appearance After Mixing**

- Typically forms a **clear, colorless** solution
- Mild foaming/bubbles may occur — allow to **settle fully** before drawing
- If micro particulates remain, continue gentle swirling until clear

### **Storage**

- Store at **2–8 °C** (refrigerated) immediately after reconstitution
- Avoid freeze–thaw cycles and protect from light
- **Use within 10–20 days** for optimal stability

### **Areas of Research Interest:**

- Controlled studies of **myostatin related pathways**
- **Peptide–protein interaction** modeling in vitro
- Sequence and **structure–activity** comparisons of prodomain derived peptides
- Method development within **regulated lab environments**

### **DISCLAIMER**

This compound is provided for **laboratory research purposes only**. It is **not intended for human or veterinary use**, and no therapeutic or diagnostic claims are made.