

## CERTIFICATE OF ANALYSIS

### Product Information

---

Product Name:	Leptin, Rat
Cat. No.:	Z03158-200; Z03158-1; Z03158-5
Lot No.:	P50041611
Size:	200 µg/vial; 1 mg /vial; 5 mg/vial
Storage Condition:	Lyophilized recombinant rat Leptin (rrLeptin) remains stable up to 6 months at -80°C from date of receipt. Upon reconstitution, rrLeptin remains stable up to 2 weeks at 4°C or up to 3 months at -20°C.

---

### Quality Control

Test Items	Specifications	Results
Physical Appearance	White Freeze-dried Powder	Conformed
Purity (SDS-PAGE)	> 95%	Conformed
Activity(ED <sub>50</sub> )	< 10 µg/mL	Conformed
Molecular Weight	16.3±1.6 kDa	Conformed
Bacterial Endotoxin	< 0.2 EU/µg	Conformed

---

### Caution:

For laboratory use only. Not for household use. If you have any questions about the Certificate of Analysis, please contact our customer service representative at 1-877-436-7274 (Toll-Free), or 1-732-885-9188.

Certified by: Joe Wang Date: 11/13/2016  
Protein Products Department