

CERTIFICATE OF ANALYSIS

Product Information

Product Name:	LR ³ Insulin-like Growth Factor-1(IGF-1) , Human
Cat. No.:	Z03177-100; Z03177-1
Lot No.:	P50021711
Size:	100 µg/vial; 1 mg/vial
Storage Condition:	Lyophilized recombinant human Long R ³ Insulin-like Growth Factor-1 (rhLR ³ IGF-1) remains stable up to 6 months at lower than -70°C from date of receipt. Stock solution of peptide can be stored at least 3 months at -20°C. Avoid repeated freeze-thaw cycles.

Quality Control

Test Items	Specifications	Results
Physical Appearance	White Freeze-dried Powder	Conformed
Purity (SDS-PAGE)	> 95%	Conformed
Biological Activity (ED ₅₀)	< 10 ng/mL	3.7 ng/mL
Molecular Weight	9.1 kDa	Conformed
Bacterial Endotoxin	< 1 EU/µg	0.1 EU/µg

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: *zh.cui* Date: 01/10/2018
Protein Products Department