

## CERTIFICATE OF ANALYSIS

### Product Information

Product Name: GDNF, Mouse

Cat. No.: Z03170-5; Z03170-25

Lot No.: P50071704

Size: 5 µg/vial; 25 µg/vial

Storage Condition: Lyophilized recombinant Mouse Interleukin-4 (IL-4) remains stable up to 6 months at -80°C from date of receipt. Upon reconstitution under sterile conditions, rmlL-4 should be stable up to 1 week at 4°C or up to 3 months at -20°C. For long term storage it is recommended that a carrier protein (example 0.1% BSA) can be added. 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 <sub>50</sub> )	< 8 µg/ml	Conformed
Molecular Weight	17~22 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: 04/25/2017  
Protein Products Department