

## CERTIFICATE OF ANALYSIS

### Product Information

---

Product Name: MIP-3 $\alpha$ /CCL20, Human

Cat. No.: Z02955

Lot No.: R50051607

Size: 20  $\mu$ g/vial

Storage Condition: Upon reconstitution, store at 2-8 $^{\circ}$ C for up to one week, and store at -20 $^{\circ}$ C to -80 $^{\circ}$ C for long term storage. Avoid repeated freeze/thaw cycles.

---

### Quality Control

Test Items	Specifications	Results
Physical Appearance	White Freeze - dried Powder	Conformed
Purity (SDS-PAGE&HPLC)	> 96%	Conformed
Biological Activity	0.1-10 ng/ml	Conformed
Molecular Weight	8.0 $\pm$ 0.8 KDa	Conformed
Bacterial Endotoxin	< 1.0 EU/ $\mu$ g	< 0.01 EU/ $\mu$ g

---

### 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: 07/21/2016  
Protein Products Department