

Version 02

Update: 05/10/2021

## CERTIFICATE OF ANALYSIS

### Product Information

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Product Name:	MCP-4/CCL13, Human
Cat. No.:	Z02836
Lot No.:	M2112028
Storage Condition:	Upon receiving, this product remains stable for up to 6 months at -70°C or -20°C. Upon reconstitution, the product should be stable for up to 1 week at 4°C or up to 3 months at -20°C. Avoid repeated freeze-thaw cycles.

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### Quality Results

Test Items	Specifications	Results
Physical Appearance	White Freeze-dried Powder	Conformed
Purity (SDS-PAGE)	> 96%	Conformed
HPLC Purity	> 96%	Conformed
Biological Activity	10-100 ng/ml	Conformed
Molecular Weight	8.6±0.9 KDa	Conformed
Bacterial Endotoxin	< 1.0 EU/µg	Conformed

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### 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: *Dandan Yao*

Date: 12/15/2021

### Quality Department

*For laboratory research use only. Direct human use, including taking orally and injection and clinical use are forbidden.*