

Version :03  
Update : 05/15/2022

## CERTIFICATE OF ANALYSIS

### Product Information

Product Name:	MCP-3/CCL7, Human
Cat. No.:	Z02833
Lot No.:	M2207037
Size:	Specified on product label
Formulation:	Lyophilized from a 0.2 $\mu$ m filtered solution in 20 mM PB, pH 7.4, 150 mM NaCl.
Reconstitution:	It is recommended that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute the lyophilized powder in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/ml.
Stability & Storage:	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.

### Quality Control

Test Items	Specifications	Results
Appearance	White Freeze-dried Powder	Pass
Purity	> 97% as analyzed by SDS-PAGE > 97% as analyzed by HPLC	Pass
Endotoxin Level	< 1 EU/ $\mu$ g of protein by LAL method	Pass
Biological Activity	Fully biologically active when compared to standard. The biologically active determined by a chemotaxis bioassay using human monocytes is in a concentration range of 10.0-100.0 ng/ml.	Pass

Date: 07/26/2022

Approved by: *Dandan Yao*

Quality Department

生产商：南京金斯瑞生物科技有限公司 江苏省南京市江宁区科学园雍熙路28号

Manufacturer: Nanjing GenScript Biotech Co., Ltd. No. 28 Yongxi Road, Jiangning District, Nanjing, Jiangsu, China