

Version :03
Update : 05/15/2022

CERTIFICATE OF ANALYSIS

Product Information

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| Product Name: | SCF, Human (P. pastoris-expressed) |
| Cat. No.: | Z02692 |
| Lot No.: | E2205013 |
| Size: | Specified on product label |
| Formulation: | Lyophilized after extensive dialysis against 10 mM acetic acid. |
| 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 ddH ₂ O up to 100 µg/ml. |
| Stability & Storage: | Upon receiving, this product remains stable for up to 6 months at lower than -70°C. Upon reconstitution, the product should be stable for 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) be added. Avoid repeated freeze-thaw cycles. |

Quality Control

| Test Items | Specifications | Results |
|---------------------|--|---------|
| Appearance | White Freeze-dried Powder | Pass |
| Purity | > 95% as analyzed by SDS-PAGE | Pass |
| Endotoxin Level | < 1 EU/µg of protein by gel clotting method | Pass |
| Biological Activity | The ED ₅₀ , as determined by the dose-dependent stimulation of human TF-1 cells, is < 2.0 ng/ml, corresponding to a specific activity of 5 × 10 ⁵ IU/mg. | Pass |

Date: 06/15/2022

Approved by: *Dandan Yao*

Quality Department

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