

Version 02

Update: 07/19/2021

CERTIFICATE OF ANALYSIS

Product Information

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| Product Name: | SDF-1 β /CXCL12, Human |
| Cat. No.: | Z02897 |
| Lot No.: | M2202005 |
| Storage Condition: | This lyophilized preparation is stable at 2-8 °C, but should be kept at -20 °C for long term storage, preferably desiccated. Upon reconstitution, the preparation is stable for up to one week at 2-8 °C. For maximal stability, apportion the reconstituted preparation into working aliquots and store at -20 °C to -70 °C. Avoid repeated freeze/thaw cycles. |

Quality Results

| Test Items | Specifications | Results |
|---------------------|---------------------------|-----------|
| Physical Appearance | White Freeze-dried Powder | Conformed |
| Purity (SDS-PAGE) | > 97% | Conformed |
| HPLC Purity | > 97% | Conformed |
| Biological Activity | 20.0-80.0 ng/ml | Conformed |
| Molecular Weight | 8.5 \pm 0.8 KDa | Conformed |
| Bacterial Endotoxin | < 1.0 EU/ μ g | 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: *Dandan Yao*

Date: 02/15/2022

Quality Department

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