

## CERTIFICATE OF ANALYSIS

### Product Information

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Product Name: SDF-1 $\alpha$ /CXCL12, Human

Cat. No.: Z02825

Lot No.: R50081511

Size: 10  $\mu$ 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.**

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### Quality Control

Test Items	Specifications	Results
Physical Appearance	White Freeze - dried Powder	Conformed
Purity (SDS-PAGE&HPLC)	> 97%	Conformed
Specific Activity	20-80 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: 11/10/2016

Protein Products Department