

CERTIFICATE OF ANALYSIS

Product Information

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|--------------------|---|
| Product Name: | MIF, Human |
| Cat. No.: | Z03159-10; Z03159-50; Z03159-1 |
| Lot No.: | P50011309 |
| Size: | 10 µg/vial; 50 µg/vial; 1 mg/vial |
| Storage Condition: | Lyophilized recombinant human Macrophage Migration Inhibitory Factor (rhMIF) remains stable up to 6 months at lower than -70°C from date of receipt. Upon reconstitution, rhMIF remains stable up to 2 weeks at 4°C or up to 3 months at -20°C. |

Quality Control

| Test Items | Specifications | Results |
|-----------------------------|---------------------------|-----------|
| Physical Appearance | White Freeze-dried Powder | Conformed |
| Purity (SDS-PAGE) | > 95% | Conformed |
| Purity (HPLC) | > 95% | Conformed |
| Activity(ED ₅₀) | Data not available | Conformed |
| Molecular Weight | 12.5±1.2 kDa | Conformed |
| Bacterial Endotoxin | < 0.2 EU/µg | 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:  Date: 10/09/2013

Protein Department