

Version 02

Update: 09/13/2021

## CERTIFICATE OF ANALYSIS

### Product Information

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Product Name:	IL-2 R $\alpha$ , His, Human
Cat. No.:	Z03297
Lot No.:	B2111009
Storage Condition:	Lyophilized recombinant Human Interleukin-2 Receptor $\alpha$ remains stable up to 6 months at lower than $-70^{\circ}\text{C}$ from date of receipt. Upon reconstitution, Human Interleukin-2 Receptor $\alpha$ should be stable up to 1 week at $4^{\circ}\text{C}$ or up to 3 months at $-20^{\circ}\text{C}$ .

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### Quality Results

Test Items	Specifications	Results
Physical Appearance	White Freeze-dried Powder	Conformed
Purity (SDS-PAGE&HPLC)	> 95%	Conformed
Biological Activity( $\text{ED}_{50}$ )	< 1.5 $\mu\text{g}/\text{ml}$	Conformed
Molecular Weight	42 kDa	Conformed
Bacterial Endotoxin	< 0.2 EU/ $\mu\text{g}$	Conformed

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### 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:** 12/17/2021

**Quality Department**

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