

Version 1.1

Update: 12/27/2019

CERTIFICATE OF ANALYSIS

Product Information

Product Name:	PD-1 Fc Chimera, Human
Cat. No.:	Z03370
Lot No.:	B60022006
Storage Condition:	Lyophilized recombinant Human PD-1 remains stable up to 6 months at lower than -70°C from date of receipt. Upon reconstitution, Human PD-1 should be stable 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 Results

Test Items	Specifications	Results
Physical Appearance	White Freeze-dried Powder	Conformed
Purity (SDS-PAGE)	> 98%	Conformed
Biological Activity(ED ₅₀)	< 25 µg/ml	Conformed
Molecular Weight	60-65 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: *Xianli Yang*

Date: 06/30/2020

Quality Department

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