

CERTIFICATE OF ANALYSIS

Product Information

Product Name:	PD-1, His, Human
Cat. No.:	Z03424-100; Z03424-1
Lot No.:	B60161701
Size:	100 µg/vial; 1mg/vial
Storage Condition:	Lyophilized recombinant Human PD-1 His tag remains stable up to 6 months at lower than -70°C from date of receipt. Upon reconstitution, rhPD-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) can be added. Avoid repeated freeze-thaw cycles.

Quality Control

Test Items	Specifications	Results
Physical Appearance	White Freeze-dried Powder	Conformed
Purity (SDS-PAGE)	> 95%	Conformed
Biological Activity	24-390ng/mL	Conformed
Molecular Weight	30-40 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: Joe Wang Date: 08/12/2017

Protein Products Department