

## Product Datasheet

### Recombinant human PD-1 protein, C-His (HEK293) (orb1516359)

<b>Description</b>	Recombinant human PD-1 protein, C-His (HEK293)
<b>Endotoxins</b>	< 1.0 EU/μg as determined by LAL
<b>Target</b>	Programmed cell death protein 1
<b>Concentration</b>	> 0.5 mg/ml
<b>Storage</b>	Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.
<b>Tag</b>	C-His
<b>Note</b>	For research use only
<b>Application notes</b>	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled water.
<b>Protein Sequence</b>	25-167/288
<b>Purity</b>	> 95% as determined by Tris-Bis PAGE; > 95% as determined by SEC-HPLC
<b>MW</b>	Due to glycosylation, the protein migrates to 35-55 kDa based on Tris-Bis PAGE result. kDa
<b>Expiration Date</b>	6 months from date of receipt.

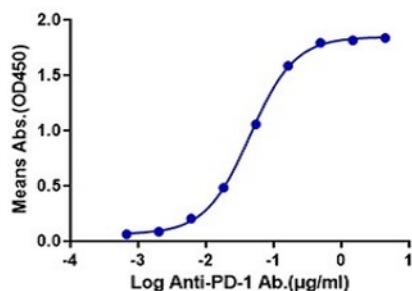
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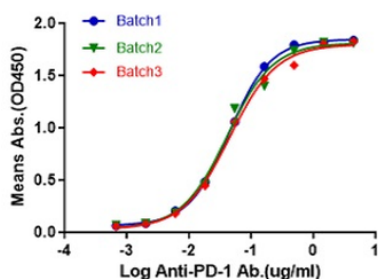
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**Human PD-1, His Tag ELISA**  
0.05µg/ml Human PD1,His Tag Per Well

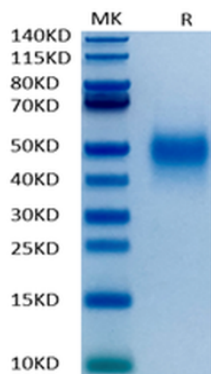


Immobilized Human PD-1, His Tag at 0.5 µg/ml (100 ul/Well). Dose response curve for Anti-PD-1 Ab. with the EC50 of 45.0 ng/ml determined by ELISA.

**Human PD-1, His Tag ELISA**  
0.05µg/ml Human PD1,His Tag Per Well



Immobilized Human PD-1, His Tag at 0.5 µg/ml (100 ul/Well). Dose response curve for Anti-PD-1 Ab. with the EC50 of 45.0/41.6/45.7 ng/ml determined by ELISA.



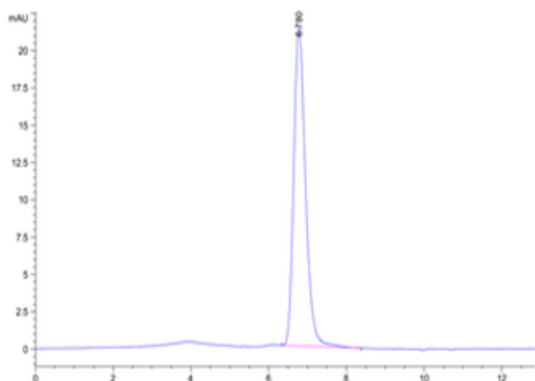
Recombinant PD-1 on Tris-Bis PAGE under reduced. The purity is greater than 95%.

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The purity of PD-1 is greater than 95% as determined by SEC-HPLC.

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