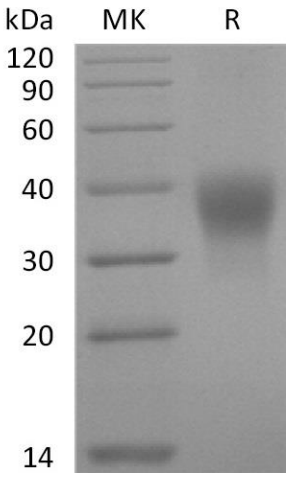
Recombinant Human PD-1 (C-6His)

Catalog#:PHH1278

概述（Summary）

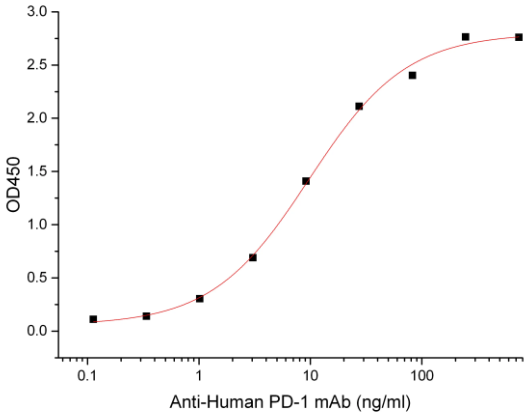
别称（Alternative Names）	Programmed cell death protein 1; hPD-1; PDCD1; CD279
纯度（Purity）	Greater than 95% as determined by reducing SDS-PAGE
内毒素（Endotoxin level）	<1 EU/μg as determined by LAL test.
蛋白构建（Construction）	【Pro21-Gln167】-6His
Accession #	Q15116
表达宿主（Host）	HEK293
种属（Species）	Human
预测分子量（Predicted MW）	17 kDa
制剂（Form）	Lyophilized from a 0.2 μm filtered solution of 20mM Tris-HCl, 10% Trehalose, 100mM NaCl, 0.05% Tween 80, pH 7.5.
运输方式（Shipping）	The product is shipped with ice bag. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存（Stability &Storage）	12 months at -20°C to -80°C in lyophilized state.6 months at -20°C to -80°C under sterile conditions after reconstitution.7-10 days at 2°C to 8°C under sterile conditions after reconstitution.Please minimize freeze-thaw cycles.
复溶（Reconstitution）	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

电泳图（SDS-PAGE image）

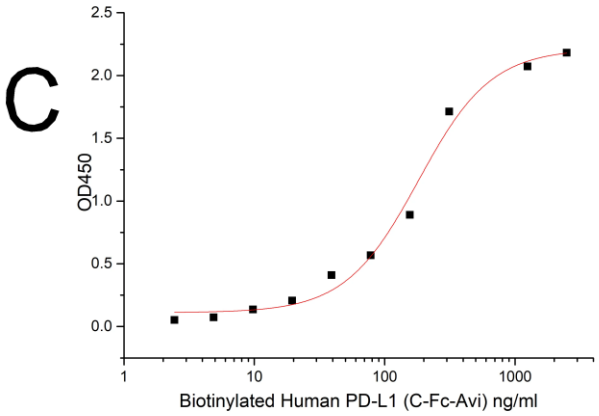


Greater than 95% as determined by reducing SDS-PAGE.

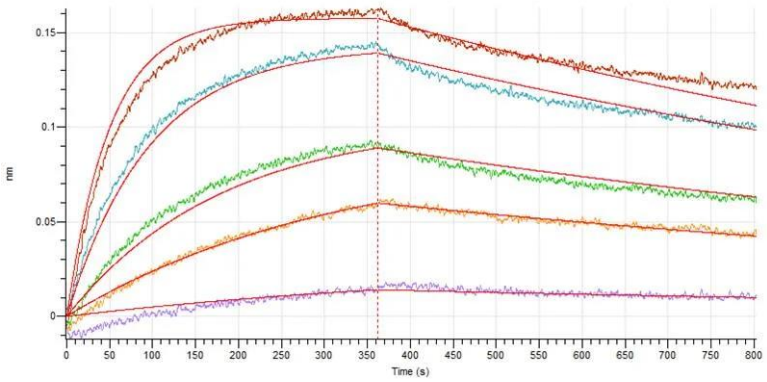
活性图（Bioactivity image）



Immobilized Human PD-1-His at 2μg/ml (100 μl/well) can bind Anti-PD1 mAb. The ED50 of Anti-PD1 mAb is 9.74 ng/ml. (Regularly tested)



Immobilized Recombinant Human PD-1-His at 5μg/ml (100 μl/well)can bind Human PD-L1-Fc-Avi. The ED50 of Human PD-L1-Fc-Avi is 0.185 ug/ml.



Loaded Anti-Human PD-1 mAb-Fc on Protein A Biosensor, can bind Human PD-1-His with an affinity constant of 4.08 nM as determined in BLI assay.

注意事项（Note）

For Research Use Only , Not for Diagnostic Use.