

## Human PD-1/PDCD1 protein (Recombinant) (C-His-Avi) {Biotin} (STJP001703)

STJP001703

### GENERAL INFORMATION

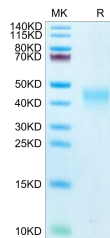
<b>Product Type</b>	Proteins
<b>Short Description</b>	Recombinant-Human PD-1/PDCD1-C-His-Avi protein was developed from hek293 and has a target region of C-His-Avi. For use in research applications.
<b>Host/Source</b>	HEK293

### PRODUCT PROPERTIES

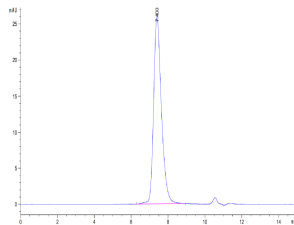
<b>Concentration</b>	
<b>Formulation</b>	Lyophilised from 0.2 µm filtered PBS solution pH7.4.
<b>Purification</b>	
<b>Dilution Range</b>	>95%, as determined by SDS-PAGE and HPLC
<b>Storage</b>	The lyophilized protein is stable for at least 1 year from date of receipt at -20°C.
<b>Instruction</b>	

### TARGET INFORMATION

<b>Gene ID</b>	5133
<b>Gene Symbol</b>	PDCD1
<b>Uniprot ID</b>	PDCD1_HUMAN
<b>Immunogen Sequence</b>	

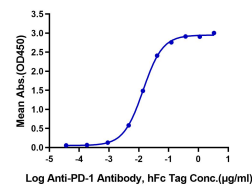


Biotinylated Human PD-1 on Tris-Bis PAGE under reduced. The purity is greater than 95%.

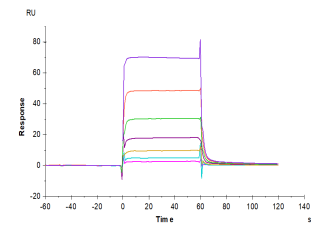


The purity of Biotinylated Human PD-1 is greater than 95% as determined by SEC-HPLC.

**Biotinylated Human PD-1, His Tag ELISA**  
0.05µg Biotinylated Human PD-1, His Tag Per Well



Immobilized Biotinylated Human PD-1, His Tag at 0.5 µg/ml (100 µl/well) on the plate. Dose response curve for Anti-PD-1 Antibody, hFc Tag with the EC50 of 14.0ng/ml determined by ELISA.



Human PD-1, hFc Tag captured on CM5 Chip via Protein A can bind Biotinylated Human PD-1, His-Avi Tag with an affinity constant of 2.358 µM as determined in SPR assay (Biacore T200).

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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