

PD-L1/B7-H1 recombinant protein

Biotinylated Human PD-L1/B7-H1 Protein Recombinant

CATALOG #	HOST
AAA76231	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

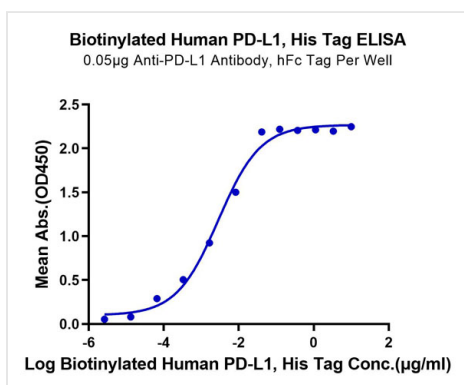
PRODUCT SYNONYMS

PD-L1/B7-H1; Biotinylated Human PD-L1/B7-H1 Protein Recombinant; PD-L1/B7-H1 recombinant protein

PRODUCT SPECIFICATIONS

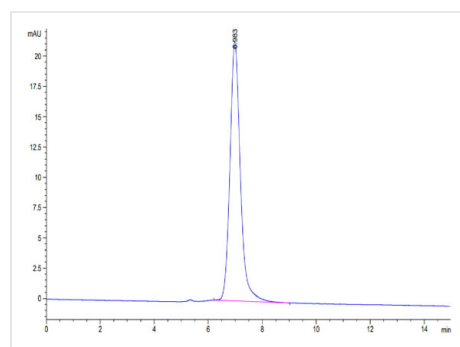
Host	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Purity/Purification	>95%, as determined by SDS-PAGE and HPLC
Form/Format	Recombinant Human PD-L1/B7-H1 was lyophilized from 0.2 um filtered PBS solution pH7.4
Source	DNA sequence encoding Human PD-L1/B7-H1 including a C-His-Avi tag was expressed in HEK293 Cells. The recombinant protein was then biotinylated site specific using the AVI tag biotinylation technology.
Endotoxin	Endotoxin content was assayed using a LAL gel clot method. Endotoxin level was found to be less than 0.1 ng/ug (1EU/ug).
Molecular Function	Receptor
Reconstitution	Centrifuge vial to ensure maximal product extraction, recommended: 20sec, 5K RPM
Preparation and Storage	The lyophilized protein is stable for at least 2 years from date of receipt at -20 degree C.

IMAGES



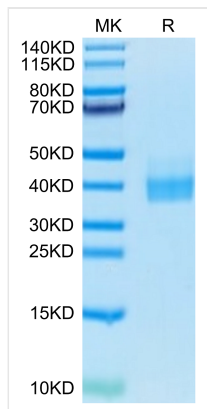
ELISA

Biotinylated Human PD-L1/B7-H1 Protein ELISA Data: Immobilized Anti-PD-L1 Antibody, hFc Tag at 0.5 µg/ml (100% I/Well) on the plate. Dose response curve for Biotinylated Human PD-L1, His Tag with the EC₅₀ of 2.8 ng/ml determined by ELISA.



Application Data

Biotinylated Human PD-L1/B7-H1 Protein SEC-HPLC: The purity of Biotinylated Human PD-L1 is greater than 95% as determined by SEC-HPLC.



Tris-Bis-PAGE

Biotinylated Human PD-L1/B7-H1 Protein Tris-Bis PAGEBiotinylated Human PD-L1 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

ADDITIONAL INFORMATION

Product Categories/Family for PD-L1/B7-H1 recombinant protein	Biotinylated proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	390979639
NCBI GeneID	29126
NCBI Accession #	NP_001254635.1
NCBI GenBank Nucleotide #	NM_001267706.1
UniProt Accession #	Q9NZQ7; Q02242 PDCD1_MOUSE
Molecular Weight	33,275 Da
NCBI Official Full Name	programmed cell death 1 ligand 1 isoform b
NCBI Official Synonym Full Names	CD274 molecule
NCBI Official Symbol	CD274
NCBI Official Synonym Symbols	B7-H; B7H1; PDL1; PD-L1; PDCD1L1; PDCD1LG1
NCBI Protein Information	programmed cell death 1 ligand 1; B7 homolog 1; CD274 antigen; PDCD1 ligand 1; programmed death ligand 1
UniProt Protein Name	Programmed cell death 1 ligand 1
UniProt Gene Name	CD274
UniProt Synonym Gene Names	B7H1; PDCD1L1; PDCD1LG1; PDL1; PD-L1; PDCD1 ligand 1; Programmed death ligand 1; B7-H1
UniProt Entry Name	PD1L1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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 Online datasheet: <https://www.aaabiotech.com/cd274-recombinant-protein-hek293/76231>