

PD-L1 (B7-H1) Active Protein | PD-L1 active protein

Human PD-L1 (B7-H1) Recombinant

CATALOG #	HOST
AAA76402	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

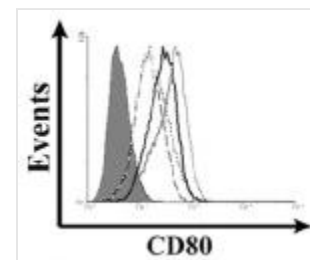
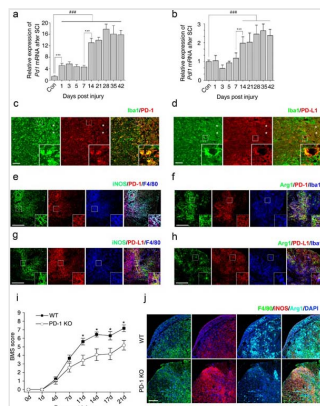
PRODUCT SYNONYMS

PD-L1 (B7-H1); Human PD-L1 (B7-H1) Recombinant; PD-L1 active 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 is lyophilized from 0.2 um filtered PBS solution, pH7.2, 5% Trehalose.
Source	Optimized DNA sequence encoding extracellular domain of Human Programmed Death Ligand 1,PD-L1, (PHE19-ARG238) including a C-terminal His tag was expressed in HEK293 cells.
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).
Biological Activity	The activity was tested by the ability of immobilized recombinant Human PD-L1 to bind recombinant human PD1 within a linear range of 1-10ug/ml in ELISA.
Molecular Function	Receptor
Preparation and Storage	Recombinant B7-H1 can be stored in working aliquots at 2 degree -8 degree C for one month, or at-20 degree C to-70 degree C for twelve months. Avoid repeated freeze/thaw cycles.

IMAGES



Application Data

MPLA-tDCs exhibit a semi-mature surface phenotype and differentially express high levels of TLR-2, TLR-2, PD-L1, GILZ and ILT3 expression on each DC condition was analyzed by flow cytometry to seek for specific tolerogenic DC markers.

Application Data

Expression of programmed death-1 (PD-1) in macrophages/microglia after spinal cord injury (SCI) in mice. Immunohistochemistry in macrophages/microglia 14 days postinjury (dpi) in wild-type mice for (c) PD-1, (d) its ligand, PD-L1, and (e) PD-1 in M1 cells [inducible nitric oxide synthase (iNOS)+]; (f) PD-1 in M2 cells [arginase 1 (Arg1+)]; (g) PD-L1 in M1 cells (iNOS+); and (h) PD-L1 in M2 cells (Arg1+).

ADDITIONAL INFORMATION

Product Categories/Family for PD-L1 active protein	Recombinant Human Cytokines; Cytokines
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NCBI AND UNIPROT INFORMATION

NCBI GI #	11230798
NCBI GeneID	60533
NCBI Accession #	NP_068693.1
NCBI GenBank Nucleotide #	NM_021893.3
UniProt Accession #	Q9EP73; Q9EP73 PD1L1_MOUSE
NCBI Official Full Name	programmed cell death 1 ligand 1
NCBI Official Synonym Full Names	CD274 antigen
NCBI Official Symbol	Cd274
NCBI Official Synonym Symbols	B7h1; Pdl1; Pdcd1l1; Pdcd1lg1; A530045L16Rik
NCBI Protein Information	programmed cell death 1 ligand 1; B7 homolog 1; 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_MOUSE

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://stage.aaabiotech.com/hek293-cells-active-protein/pd-l1-b7-h1/76402>