PD-L1 Human Protein

PRODUCT OVERVIEW

Product Name	PD-L1, Protein
Full Product Name	Human PD-L1 Protein, His tag
Product Gene Name	PD-L1 protein
Product Synonym Names	PD-L1; CD274; B7-H1; PDCD1L1; PDCD1LG1
Host	HEK293 cells
Form/Format	Lyophilized from sterile PBS, pH 7.4. Normally 5 %-88 % trehalose is added as protectants before lyophilization.
Purity/Purification	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Preparation and Storage	Store at -80 degree C for 12 months (Avoid repeated freezing and thawing)
Molecular Weight	The protein has a predicted molecular mass of 26.0kDa after removal of the signal peptide. The apparent molecular mass of PDL1-His is approximately 33-35kDa due to glycosylation.
Sequence Positions	PD-L1 (Phe19-Arg328)
Species	Human
Tag	C-6xHis tag
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for PD-L1 protein	This gene encodes an immune inhibitory receptor ligand that is expressed by hematopoietic and non-hematopoietic cells, such as T cells and B cells and various types of tumor cells. The encoded protein is a type I transmembrane protein that has immunoglobulin V-like and C-like domains. Interaction of this ligand with its receptor inhibits T-cell activation and cytokine production. During infection or inflammation of normal tissue, this interaction is important for preventing autoimmunity by maintaining homeostasis of the immune response. In tumor microenvironments, this interaction provides an immune escape for tumor cells through cytotoxic T-cell inactivation. Expression of this gene in tumor cells is considered to be prognostic in many types of human malignancies, including colon cancer and renal cell carcinoma. Alternative splicing results in multiple transcript variants.
Other Notes	Small volumes of PD-L1 protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for PD-L1 purchase	MBS8575139 is a protein targeting PD-L1. Also known as Human PD-L1 Protein, His tag. Host: HEK293 cells.

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Online datasheet: https://www.mybiosource.com/protein/pd-l1/8575139