

## Recombinant human PD-L1 protein, C-mFc (HEK293)

Catalog Number: bs-47180P

Concentration: >0.5 mg/ml

AA Seq: 19-238/290

Predicted MW: 50.9

Detected MW: Due to glycosylation, the protein migrates to 63-68 kDa based on Tris-Bis PAGE result.

Tags: C-mFc

Activity: Not tested

Endotoxin: <1.0 EU/μg as determined by LAL

Purity: >95% as determined by Tris-Bis PAGE; >95% as determined by SEC-HPLC

Purification: AC

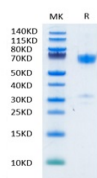
Form: Lyophilized

Storage: Lyophilized from 0.22μm filtered solution in PBS (pH7.4) with 5mM DTT. Normally 5% trehalose is added as protectant before Lyophilization.

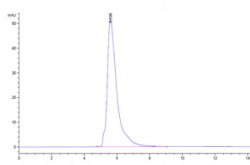
Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

**Background:** 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.  
[provided by RefSeq, Sep 2015]

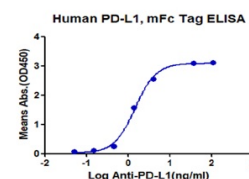
### VALIDATION IMAGES



Recombinant PD-L1 on Tris-Bis PAGE under



The purity of PD-L1 is greater than 95% as

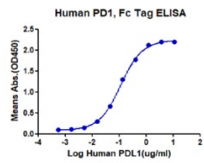


Immobilized Human PD-L1 at

reduced condition. The purity is greater than 95%.

determined by SEC-HPLC.

0.2ug/ml(100ul/Well).Dose response curve for Anti-PD-L1 Ab.with the EC50 of 1.46ng/ml determined by ELISA.



Immobilized Human PD-1 Fc Tag at 1ug/ml (100ul/Well). Dose response curve for PD-L1, mFc Tag with the EC50 of 100ng/ml determined by ELISA.