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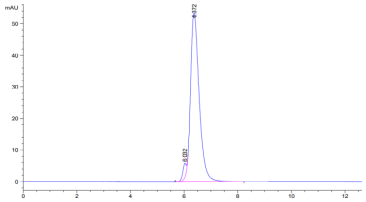
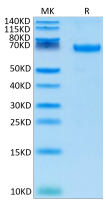
Recombinant Cyn. monkey PD-L1 protein, C-hFc (HEK293)

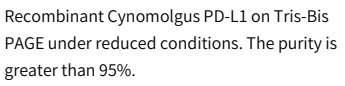
Catalog Number:	bs-47178P
Concentration:	＞0.5 mg/ml
AA Seq:	19-238/290
Predicted MW:	52
Detected MW:	Due to glycosylation, the protein migrates to 60-70 kDa based on Tris-Bis PAGE result.
Tags:	C-hFc
Activity:	Not tested
Endotoxin:	<1.0 EU/μg as determined by LAL
Purity:	>95% as determined by Tris-Bis PAGE; >95% as determined by SEC-HPLC
Purification:	AC
Form:	Lyophilized
Storage:	Lyophilized from 0.22um 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





The purity of Cynomolgus PD-L1 is greater than 95% as determined by SEC-HPLC.



Recombinant Cynomolgus PD-L1 on Tris-Bis PAGE under reduced conditions. The purity is greater than 95%.