

RP02472

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Recombinant Human B7-DC/PD-L2/CD273 Protein

Catalog No.: RP02472

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Human	80380	Q9BQ51

Tags

C-His&Avi

Synonyms

B7DC;Btdc;CD273;PD-L2;PDCD1L2;PDL2;bA574F11.2;PDCD1LG2

Product Information

Source	Purification
HEK293 cells	> 95% by Tris-Bis PAGE;> 95% by SEC-HPLC

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

Reconstitution

Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

Background

Basic Information

Description

Recombinant Human PD-L2/B7-DC Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Leu20-Thr220) of Human PD-L2/B7-DC fused with a His tag and Avi tag at the C-terminal.

Bio-Activity

Storage

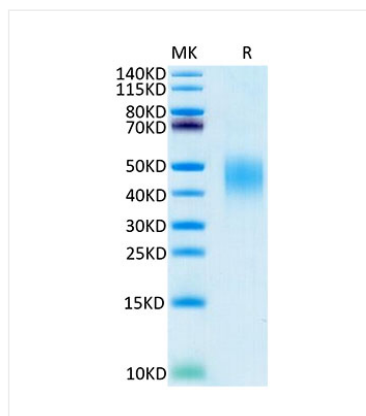
Store the lyophilized protein at -20°C to -80°C for long term. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. Avoid repeated freeze/thaw cycles.

Contact

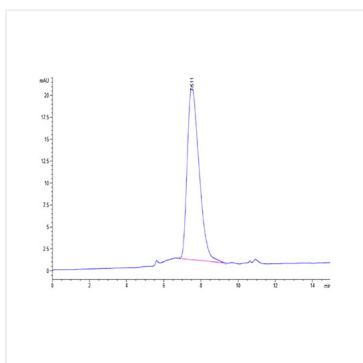


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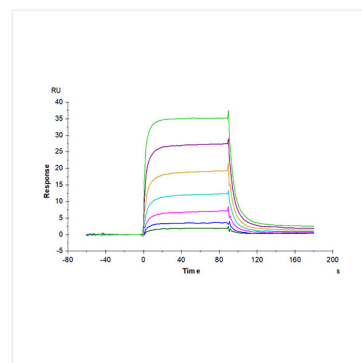
Validation Data



Human PD-L2 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



The purity of Human PD-L2 is greater than 95% as determined by SEC-HPLC.



Human PD-1, hFc Tag captured on CM5 Chip via Protein A can bind Human PD-L2, His Tag with an affinity constant of 0.296 μ M as determined in SPR assay (Biacore T200).