

RP02474

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Recombinant Mouse B7-H1/PD-L1/CD274 Protein

Catalog No.: RP02474

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	60533	NP_068693(Q9EP73)

Tags

C-hFc

Synonyms

PD-; B7h1; Pdl1; Pdcd1l; Pdcd1l1;
Pdcd1lg1; A530045L16Rik;CD274

Product Information

Source

Purification

> 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

Centrifuge the tube before opening.
Reconstitute to a concentration of
0.1-0.5 mg/mL in sterile distilled water.
Avoid vortex or vigorously pipetting the
protein. For long term storage, it is
recommended to add a carrier protein or
stabilizer (e.g. 0.1% BSA, 5% HSA, 10%
FBS or 5% Trehalose), and aliquot the
reconstituted protein solution to
minimize free-thaw cycles.

Background

Basic Information

Description

Recombinant Mouse PD-L1 Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Phe19-Arg238) of Mouse PD-L1 fused with a hFc tag at the C-terminal.

Bio-Activity

Mouse PD-L1, hFc Tag immobilized on CM5 Chip can bind Mouse PD-1, hFc Tag with an affinity constant of 0.35 μM as determined in SPR assay (Biacore T200).

Storage

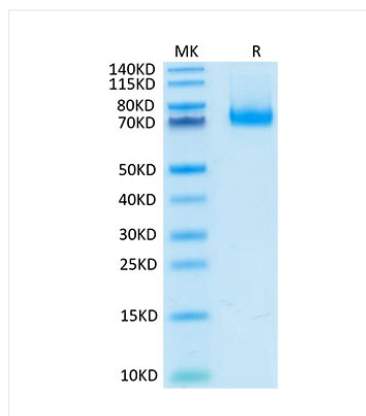
Store the lyophilized protein at -20°C to -80°C for long term. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. Avoid repeated freeze/thaw cycles.

Contact

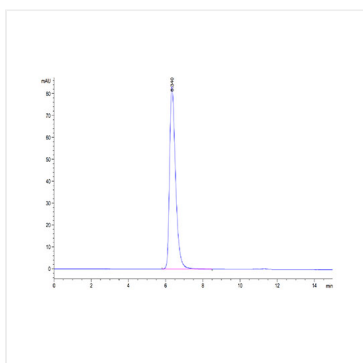


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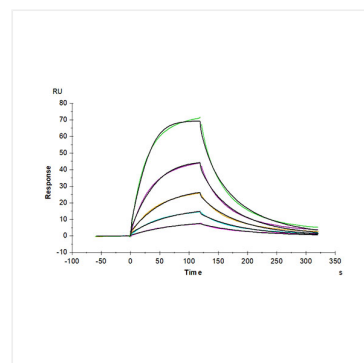
Validation Data



Mouse PD-L1 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



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



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