

RP02279

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Biotinylated Recombinant Human B7-2/CD86 Protein

Catalog No.: RP02279

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Human	942	P42081

Tags

C-His&Avi

Synonyms

B7-2; B7.2; B70; CD28LG2; LAB72; CD86;
B7-2; B7.2; B70; CD28LG2; LAB72; CD86
molecule

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

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 freeze-thaw cycles.

Background

Basic Information

Description

Biotinylated Recombinant Human CD86/B7-2 Protein is produced by Expi293
expression system. The target protein is expressed with sequence (Leu26-Pro247) of
Human CD86/B7-2 fused with a His and Avi tag at the C-terminal.

Bio-Activity

Storage

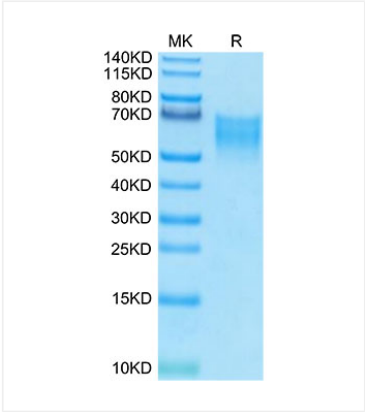
Store the lyophilized protein at -20°C to -80°C for long term. After reconstitution,
the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.
Avoid repeated freeze/thaw cycles.

Contact

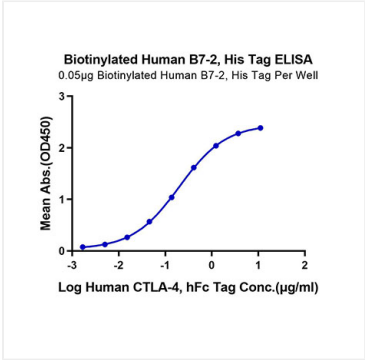


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Validation Data



Biotinylated Human B7-2 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



Immobilized Biotinylated Human B7-2, His Tag at 0.5µg/ml (100µl/Well) on the plate. Dose response curve for Human CTLA-4, hFc Tag with the EC₅₀ of 0.2µg/ml determined by ELISA.