

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 free-thaw cycles.

Contact

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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

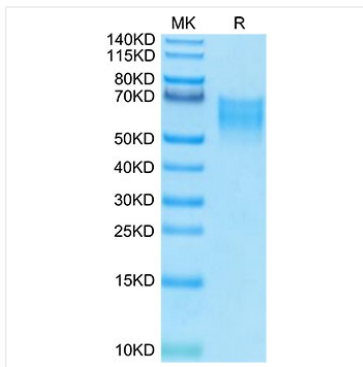
Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

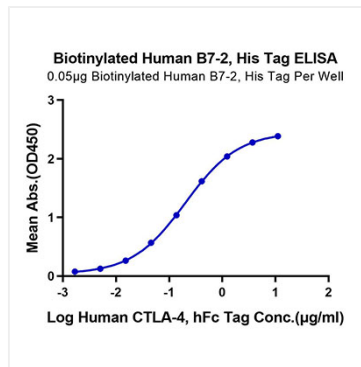
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

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 EC_{50} of 0.2µg/ml determined by ELISA.