

## B7-1/CD80 Protein, Human (Biotinylated, HEK293, His-Avi)

<b>Cat. No.:</b>	HY-P78063
<b>Synonyms:</b>	CD80 molecule; B7; B71; B7-1; BB1; CD28LG1; CD80; B7.1; CD28LG1; LAB7
<b>Species:</b>	Human
<b>Source:</b>	HEK293
<b>Accession:</b>	P33681 (V35-N242)
<b>Gene ID:</b>	941
<b>Molecular Weight:</b>	50-70 kDa

### PROPERTIES

<b>Biological Activity</b>	1. Immobilized Biotinylated Human B7-1 His at 1 µg/mL (100µL/Well) on the plate. Dose response curve for Human CTLA-4 hFc with the EC <sub>50</sub> 0.1 µg/mL determined by ELISA. 2. Immobilized Human CTLA-4, hFc Tag at 2 ug/mL (100µL/Well) on the plate. Dose response curve for Biotinylated Human B7-1, His Tag with the EC <sub>50</sub> of 1.9 ug/mL determined by ELISA.
<b>Appearance</b>	Lyophilized powder.
<b>Formulation</b>	Lyophilized a 0.22 µm filtered solution of PBS, pH 7.4. Normally 5% trehalose is added as protectant before lyophilization.
<b>Endotoxin Level</b>	<1 EU/µg, determined by LAL method.
<b>Reconstitution</b>	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH <sub>2</sub> O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
<b>Storage &amp; Stability</b>	Stored at -20°C. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer. It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
<b>Shipping</b>	Room temperature in continental US; may vary elsewhere.

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**Caution: Product has not been fully validated for medical applications. For research use only.**

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