

## B7-2/CD86 Protein, Human (HEK293, His-Avi)

Cat. No.:	HY-P78383
Synonyms:	CD86 molecule; CD86; B70; B7-2 antigen; B72; B7-2; BU63; FUN-1; LAB72; MGC34413; CD28LG2
Species:	Human
Source:	HEK293
Accession:	P42081 (L26-P247)
Gene ID:	942
Molecular Weight:	55-70 kDa

### PROPERTIES

Biological Activity	Immobilized 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 <sub>50</sub> of 0.12µg/ml determined by ELISA.
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4. Normally 5% trehalose is added as protectant before lyophilization.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH <sub>2</sub> O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

### DESCRIPTION

Background	B7-2/CD86 protein functions as a negative regulator of T-cell activation by disrupting the formation of CD86 clusters. Through this interference, it modulates the T-cell response and plays a role in regulating immune activation.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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