

B7-2/CD86 Protein, Cynomolgus/Rhesus Macaque (HEK293, hFc)

Cat. No.:	HY-P75494
Synonyms:	Activation B7-2 antigen; B70; BU63; CD86; CD28LG2
Species:	Rhesus Macaque;Cynomolgus
Source:	HEK293
Accession:	Q9BDM4 (M1-H239)
Gene ID:	714390
Molecular Weight:	Approximately 76-86&34 kDa

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants 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 ₂ 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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