

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

Cat. No.:	HY-P75489
Synonyms:	Activation B7-2 antigen; B70; BU63; CD86; CD28LG2
Species:	Human
Source:	HEK293
Accession:	P42081 (L26-H245)
Gene ID:	942
Molecular Weight:	Approximately 26.2 kDa

PROPERTIES

AA Sequence	<pre> L K I Q A Y F N E T A D L P C Q F A N S Q N Q S L S E L V V F W Q D Q E N L V L N E V Y L G K E K F D S V H S K Y M G R T S F D S D S W T L R L H N L Q I K D K G L Y Q C I I H H K K P T G M I R I H Q M N S E L S V L A N F S Q P E I V P I S N I T E N V Y I N L T C S S I H G Y P E P K K M S V L L R T K N S T I E Y D G V M Q K S Q D N V T E L Y D V S I S L S V S F P D V T S N M T I F C I L E T D K T R L L S S P F S I E L E D P Q P P P D H </pre>
Appearance	Lyophilized powder
Formulation	Lyophilized from a 0.2 µm filtered solution of Sterile PBS. 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.
------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA