

## B7-2/CD86 Protein, Human (224a.a, HEK293, His)

<b>Cat. No.:</b>	HY-P70795
<b>Synonyms:</b>	T-Lymphocyte Activation Antigen CD86; Activation B7-2 Antigen; B70; BU63; CTLA-4 Counter-Receptor B7.2; FUN-1; CD86; CD28LG2
<b>Species:</b>	Human
<b>Source:</b>	HEK293
<b>Accession:</b>	P42081 (A24-P247)
<b>Gene ID:</b>	942
<b>Molecular Weight:</b>	57-66 kDa

### PROPERTIES

<b>AA Sequence</b>	<p>A P 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</p> <p>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</p> <p>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</p> <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</p> <p>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</p> <p>K T R L L S S P F S    I E L E D P Q P P P    D H I P</p>
<b>Appearance</b>	Lyophilized powder.
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2.
<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 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.
<b>Shipping</b>	Room temperature in continental US; may vary elsewhere.

### DESCRIPTION

<b>Background</b>	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.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

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