

B7-1/CD80 Protein, Human (HEK 293, His)

Cat. No.:	HY-P70651
Synonyms:	CD80; Activation B7-1 antigen; B7; BB1; CD28LG1; CD28LGB7-1 antigen; T-lymphocyte activation antigen CD80
Species:	Human
Source:	HEK 293
Accession:	P33681 (V35-N242)
Gene ID:	941
Molecular Weight:	38-60 kDa

PROPERTIES

AA Sequence	<p>V I H V T K E V K E V A T L S C G H N V S V E E L A Q T R I Y W Q K E K K M V L</p> <p>T M M S G D M N I W P E Y K N R T I F D I T N N L S I V I L A L R P S D E G T Y</p> <p>E C V V L K Y E K D A F K R E H L A E V T L S V K A D F P T P S I S D F E I P T</p> <p>S N I R R I I C S T S G G F P E P H L S W L E N G E E L N A I N T T V S Q D P E</p> <p>T E L Y A V S S K L D F N M T T N H S F M C L I K Y G H L R V N Q T F N W N T T</p> <p>K Q E H F P D N</p>
Biological Activity	10 µg/mL (100 µL/well) of immobilized Human CD28-Fc can bind Human B7-1 -His with an ED50 value of 14.3 µg/mL.
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
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. 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.
Shipping	Room temperature in continental US; may vary elsewhere.

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

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