

B7-1/CD80 Protein, Human (242a.a, HEK293, His)

Cat. No.:	HY-P74401
Synonyms:	T-lymphocyte activation antigen CD80; Activation B7-1 antigen; BB1; B7; CD80; CD28LG; LAB7
Species:	Human
Source:	HEK 293
Accession:	P33681 (M1-N242)
Gene ID:	941
Molecular Weight:	45-48 kDa

PROPERTIES

Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized human B7-1 Protein (His) at 2 µg/mL (100 µL/well) can bind human CTLA-4 Protein (His-hFc) and the EC ₅₀ is 35-80 ng/mL.
Appearance	Lyophilized powder.
Formulation	Lyophilized 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. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
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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