

Recombinant Human B7-1/CD80 Protein

RPCB0269

Protein Information

Size:	10 µg , 20 µg , 50 µg , 100 µg	Tag:	C-His
Reactivity:	Human	Expressed Host:	HEK293 cells
Calculated MW:	24.71 kDa	Observed MW:	40-50 kDa

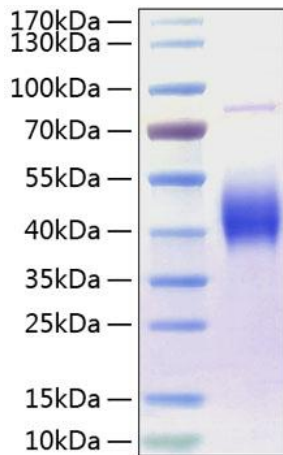
Background

The protein is a membrane receptor that is activated by the binding of CD28 or CTLA-4. The activated protein induces T-cell proliferation and cytokine production. This protein can act as a receptor for adenovirus subgroup B and may play a role in lupus neuropathy.

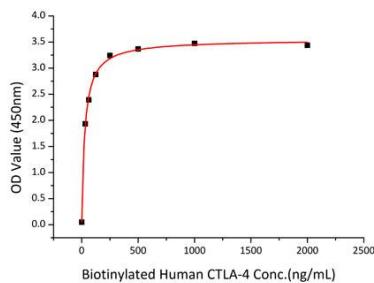
Properties

Synonyms:	B7, B7-1, B7.1, BB1, CD28LG, CD28LG1, LAB7, CD80
Gene ID:	941
Endotoxin:	< 0.1 EU/µg of the protein by LAL method.
Description:	High quality, high purity and low endotoxin recombinant Recombinant Human B7-1/CD80 Protein (RPCB0269), tested reactivity in HEK293 cells and has been validated in SDS-PAGE. 100% guaranteed.
Purity:	≥ 90 % as determined by SDS-PAGE.
Storage:	Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Validation Data



Recombinant Human B7-1/CD80 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



Immobilized Recombinant human CD80 at 2 $\mu\text{g/mL}$ (100 $\mu\text{L/well}$) can bind Recombinant human CTLA-4 with a linear range of 10-50 ng/mL .