

Recombinant Cynomolgus B7-1/CD80 Protein

RPCB1662

Protein Information

Size:	100 µg	Tag:	C-His
Reactivity:	Cynomolgus	Expressed Host:	HEK293 cells
Calculated MW:	25 kDa	Observed MW:	40-50 kDa

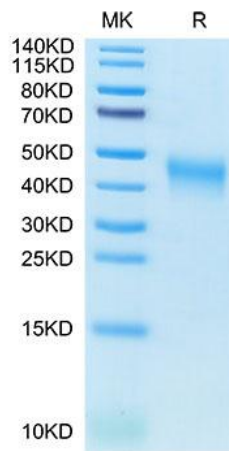
Background

Cluster of differentiation 80 (also CD80 and B7-1) is a protein found on dendritic cells, activated B cells and monocytes that provides a costimulatory signal necessary for T cell activation and survival. It is the ligand for two different proteins on the T cell surface: CD28 and CTLA-4.

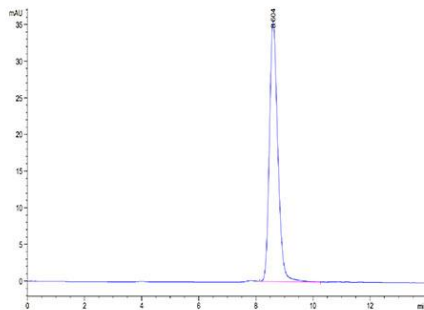
Properties

Synonyms:	CD80 molecule, B7, B71, B7-1, BB1, CD28LG1, CD80, B7.1, CD28LG1, LAB7
Gene ID:	102140078
Endotoxin:	< 1 EU/µg of the protein by LAL method.
Description:	High quality, high purity and low endotoxin recombinant Recombinant Cynomolgus B7-1/CD80 Protein (RPCB1662), tested reactivity in HEK293 cells and has been validated in SDS-PAGE. 100% guaranteed.
Purity:	≥ 95 % as determined by Tris-Bis PAGE; ≥ 95 % as determined by HPLC.
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 Cynomolgus B7-1/CD80
Protein was determined by Tris-Bis PAGE
under reducing conditions.



The purity of Cynomolgus B7-1 is greater than
95% as determined by SEC-HPLC.