

Recombinant Human B7-2/CD86 Protein

RPCB0650

Protein Information

Size:	100 µg	Tag:	C-His&Avi
Reactivity:	Human	Expressed Host:	HEK293 cells
Calculated MW:	28.2 kDa	Observed MW:	55-70 kDa

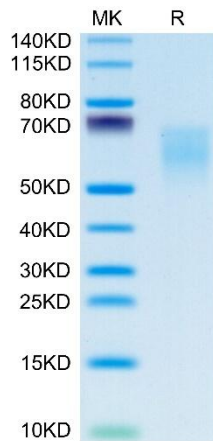
Background

B7-1 and B7-2 are homologous costimulatory ligands expressed on the surface of antigen presenting cells (APCs). Binding of these molecules to the T cell costimulatory receptors, CD28 and CTLA-4, is essential for the activation and regulation of T cell immunity. B7-1 and B7-2 do not form hetero-oligomers, underscoring the biological relevance of dimeric and monomeric state of B7-1 and B7-2, respectively.

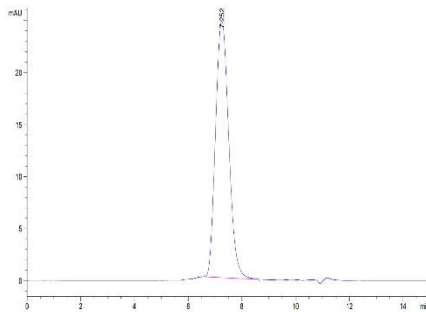
Properties

Synonyms:	41BB Ligand, 4-1BB Ligand, 4-1BBL, CD137L, TNFSF9
Gene ID:	942
Endotoxin:	< 1 EU/µg of the protein by LAL method.
Description:	High quality, high purity and low endotoxin recombinant Recombinant Human B7-2/CD86 Protein (RPCB0650), tested reactivity in HEK293 cells and has been validated in SDS-PAGE. 100% guaranteed.
Purity:	≥ 95 % as determined by SDS-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 Human B7-2/CD86 Protein was determined by Tris-Bis PAGE under reducing conditions.



The purity of Human B7-2 is greater than 95% as determined by SEC-HPLC.