

Recombinant Cynomolgus IL-17F Protein

RPCB1581

Protein Information

Size:	100 µg	Tag:	C-His
Reactivity:	Cynomolgus	Expressed Host:	HEK293 cells
Calculated MW:	16.1 kDa	Observed MW:	23-28 kDa

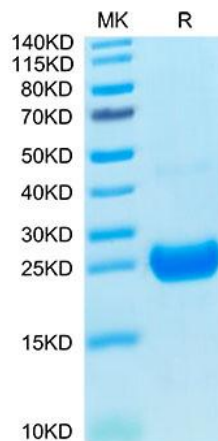
Background

The Interleukin 17 (IL-17) family proteins, comprising six members (IL-17A through IL-17F), are secreted, structurally related proteins that share a conserved cystine-knot fold near the C-terminus, but have considerable sequence divergence at the N-terminus. IL-17F is a ligand for IL17RA and IL17RC. The heterodimer formed by IL17A and IL17F is a ligand for the heterodimeric complex formed by IL17RA and IL17RC. Involved in stimulating the production of other cytokines such as IL6, IL8 and CSF2, and in regulation of cartilage matrix turnover.

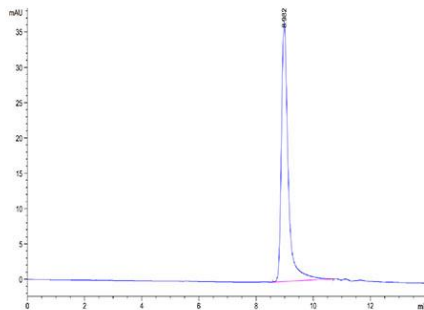
Properties

Synonyms:	Cytokine ML-1, IL17F, IL-17F, IL24, IL-24, CANDF6, IL-17F, ML1
Gene ID:	102118959
Endotoxin:	< 1 EU/µg of the protein by LAL method.
Description:	High quality, high purity and low endotoxin recombinant Recombinant Cynomolgus IL-17F Protein (RPCB1581), 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.

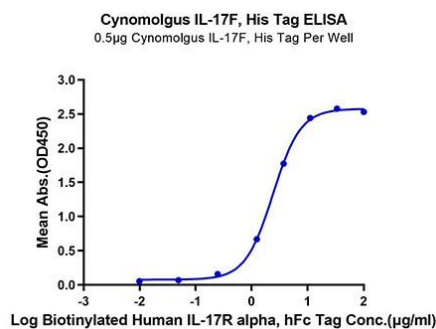
Validation Data



Recombinant Cynomolgus IL-17F Protein was determined by Tris-Bis PAGE under reducing conditions.



The purity of Cynomolgus IL-17F is greater than 95% as determined by SEC-HPLC.



Immobilized Cynomolgus IL-17F, His Tag at 5 µg/ml (100 µl/well) on the plate. Dose response curve for Biotinylated Human IL-17R alpha, hFc Tag with the EC₅₀ of 2.4 µg/ml determined by ELISA.