

## Biotinylated Recombinant Human IL-13 Protein

RPCB0034

### Protein Information

---

<b>Size:</b>	100 µg	<b>Tag:</b>	N-His&Avi
<b>Reactivity:</b>	Human	<b>Expressed Host:</b>	-
<b>Calculated MW:</b>	15.3 kDa	<b>Observed MW:</b>	15, 35-45 kDa

### Background

---

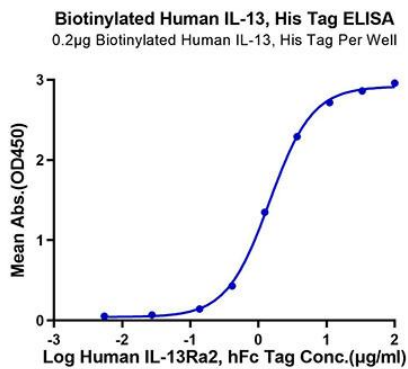
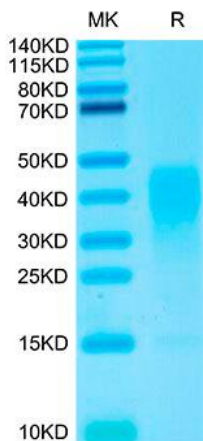
Interleukin-13 (IL-13) is a monomeric 17 kDa immunoregulatory cytokine that plays a key role in the pathogenesis of allergy, cancer, and tissue fibrosis. It is secreted by several helper T cell subsets, NK cells, mast cells, eosinophils, basophils, and visceral smooth muscle cells. Inhibits inflammatory cytokine production. Synergizes with IL2 in regulating interferon-gamma synthesis. May be critical in regulating inflammatory and immune responses.

### Properties

---

<b>Synonyms:</b>	IL13, IL-13, P600
<b>Gene ID:</b>	3596
<b>Endotoxin:</b>	< 1 EU/µg of the protein by LAL method.
<b>Description:</b>	High quality, high purity and low endotoxin recombinant Biotinylated Recombinant Human IL-13 Protein (RPCB0034), tested reactivity in HEK293 cells and has been validated in SDS-PAGE. 100% guaranteed.
<b>Purity:</b>	≥ 95 % as determined by Tris-Bis PAGE.
<b>Storage:</b>	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



Immobilized Biotinylated Human IL-13, His Tag at 2µg/ml (100µl/well) on the streptavidin (5µg/ml) precoated plate. Dose response curve for Human IL-13Ra2, hFc Tag with the EC50 of 1.4µg/ml determined by ELISA.