

RPCB0034

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## Product Information

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|---------------------|-----------|--------------------|-------|--------------|-------|
| <b>Product SKU:</b> | RPCB0034  | <b>Gene ID:</b>    | 3596  | <b>Size:</b> | 100µg |
| <b>Tag:</b>         | N-His&Avi | <b>Reactivity:</b> | Human |              |       |

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## Additional Information

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|-------------------------|--|-------------------|------------------|
| <b>Expression Host:</b> | -  | <b>Swissprot:</b> | AAK53823(P35225) |
| <b>Purity:</b>          | > 95% by Tris-Bis PAGE;> 95% by SEC-HPLC |                   |                  |

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## Protein Information

**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.

**Protein Description:** High quality, high purity and low endotoxin recombinant Biotinylated Recombinant Human IL-13 Protein, tested reactivity in HEK293 cells and has been validated in SDS-PAGE. 100% guaranteed.

**Endotoxin:** < 1 EU/µg of the protein by LAL method.

**Formulation:** Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.

**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.