

Biotinylated Human IL-3 Protein

Cat. No. IL3-HE401B

Description

| | |
|-------------------------|--|
| Source | Recombinant Biotinylated Human IL-3 Protein is expressed from E.coli with His tag and Avi tag at the N-terminal. It contains Ala20-Phe152. |
| Accession | P08700 |
| Molecular Weight | The protein has a predicted MW of 16.9 kDa same as Tris-Bis PAGE result. |
| Endotoxin | Less than 1EU per µg by the LAL method. |
| Purity | > 95% as determined by Tris-Bis PAGE > 95% as determined by HPLC |

Formulation and Storage

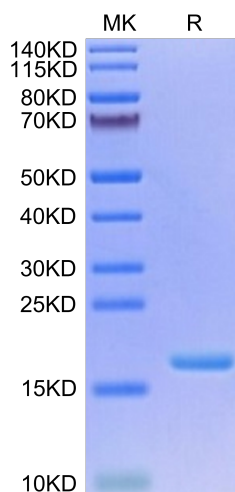
| | |
|--------------------|---|
| Formulation | Supplied as 0.22µm filtered solution in PBS (pH 7.4). Please dilute to the desired concentration according to the concentration of the solution shown on the product label. |
| Storage | Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles. |

Background

Interleukin 3 is a pleiotropic factor produced primarily by activated T cells that can stimulate the proliferation and differentiation of pluripotent hematopoietic stem cells as well as various lineage committed progenitors. This CSF induces granulocytes, macrophages, mast cells, stem cells, erythroid cells, eosinophils and megakaryocytes.

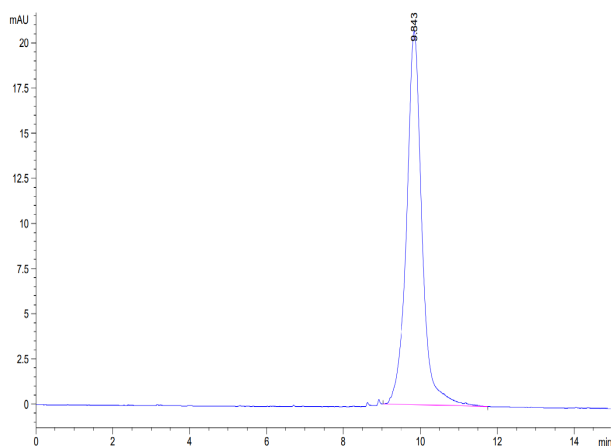
Assay Data

Tris-Bis PAGE



Biotinylated Human IL-3 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC



The purity of Biotinylated Human IL-3 is greater than 95% as determined by SEC-HPLC.

ELISA Data

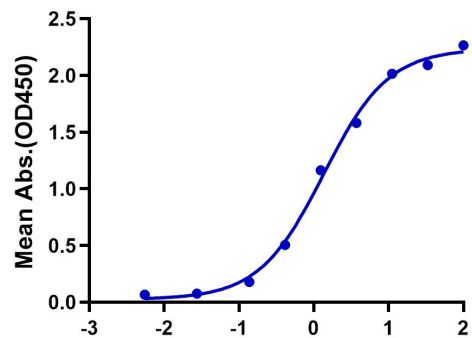
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Assay Data

Biotinylated Human IL-3, His Tag ELISA

0.5 μ g Biotinylated Human IL-3, His Tag Per Well



Immobilized Biotinylated Human IL-3, His Tag at 5 μ g/ml (100 μ l/Well) on the plate. Dose response curve for Human IL-3 R alpha, hFc Tag with the EC50 of 1.3 μ g/ml determined by ELISA.

Log Human IL-3 R alpha, hFc Tag Conc.(μ g/ml)