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Datasheet for ABIN7454153
IL-3 Protein (AA 20-152)

Overview

Quantity:	100 µg
Target:	IL-3
Protein Characteristics:	AA 20-152
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

Product Details

Purpose:	Human IL-3 Protein
Sequence:	Ala20-Phe152
Characteristics:	Recombinant Human IL-3 Protein is expressed from E.coli without tag.It contains Ala20-Phe152.
Purity:	> 95 % as determined by Tris-Bis PAGE,> 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	IL-3
Alternative Name:	IL-3 (IL-3 Products)
Background:	Interleukin 3 is a pleiotropic factor produced primarily by activated T cells that can stimulate the

Target Details

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.

Molecular Weight: 15.09 kDa same as Tris-Bis PAGE result.

Pathways: [JAK-STAT Signaling](#), [Regulation of Carbohydrate Metabolic Process](#), [Autophagy](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.

Buffer: Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.

Storage: -20 °C,-80 °C

Storage Comment: -20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,-2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Expiry Date: 12 months