Recombinant Human IL3 Protein, Ala20-Phe152, N-His-Avi tagged, Biotinylated

Cat. No. IL3-140H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human IL-3-N-His-Avi protein was developed from HEK293 and has a target region of N-His-Avi.
Species	Human
Source	HEK293
ProteinLength	Ala20-Phe152
Description	The protein encoded by this gene is a potent growth promoting cytokine. This cytokine is capable of supporting the proliferation of a broad range of hematopoietic cell types. It is involved in a variety of cell activities such as cell growth, differentiation and apoptosis. This cytokine has been shown to also possess neurotrophic activity, and it may be associated with neurologic disorders.
Conjugation/Label	Biotin
Form	Lyophilised
Endotoxin	Endotoxin level was found to be less than 0.1 ng/μg (1 EU/μg).
Notes	FOR RESEARCH USE ONLY (RUO).
Storage	The lyophilized protein is stable for at least 1 year from date of receipt at -20

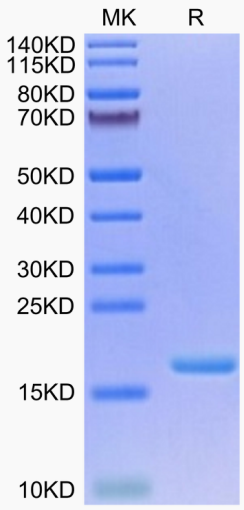
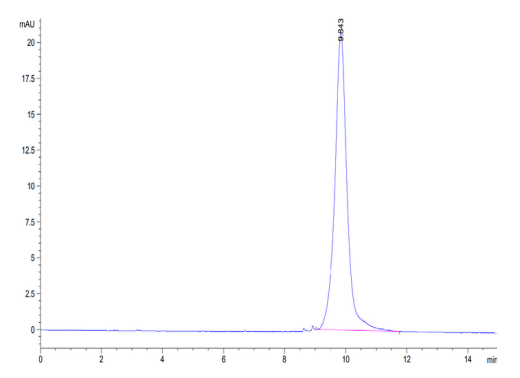
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	centigrade.
Storage Buffer	Lyophilised from 0.2 μm filtered PBS solution pH 7.4. Upon receipt centrifuge vial to ensure maximal product extraction, recommended: 20 sec, 5K RPM
Conjugation	Biotin

GENE INFORMATION

Gene Name	IL3 interleukin 3 (colony-stimulating factor, multiple) [Homo sapiens (human)]
Official Symbol	IL3
Synonyms	IL3; interleukin 3 (colony-stimulating factor, multiple); interleukin-3; hematopoietic growth factor; IL 3; mast cell growth factor; MCGF; MGC79398; MGC79399; MULTI CSF; multilineage colony stimulating factor; P cell stimulating factor; mast-cell growth factor; P-cell stimulating factor; P-cell-stimulating factor; multilineage-colony-stimulating factor; multipotential colony-stimulating factor; IL-3; MULTI-CSF;
Gene ID	3562
mRNA Refseq	NM_000588
Protein Refseq	NP_000579
MIM	147740
UniProt ID	P08700

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Biotinylated Human IL-3 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.	
The purity of Biotinylated Human IL-3 is greater than 95% as determined by SEC-HPLC.	
Immobilized Biotinylated Human IL-3, His Tag at 5 μg/mL (100 μL/Well) on the plate. Dose response curve for Human IL-3 R alpha,	

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hFc Tag with the EC50 of 1.3 μg/mL determined by ELISA.	

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