

Recombinant Human IL3 protein, His & GST-tagged

Cat. No. IL3-639H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL3 aa. (Ala20~Phe152) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Human
Source	E.coli
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.
Form	Freeze-dried powder
Molecular Mass	45kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.6.

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Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200µg/mL
Storage buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex

GENE INFORMATION

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

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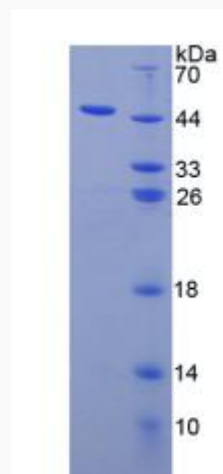
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Protein Refseq NP_000579.2

UniProt ID P08700

SDS-PAGE



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