

## Recombinant Human IL7 Protein, GMP Grade, Animal-Free

Cat. No. IL7-34HG Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	GMP Recombinant Human IL7 protein with out tag was expressed in E. coli and manufactured using animal-derived component free materials.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	152 amino acid
<b>Description</b>	IL-7 is a hematopoietic growth factor that primarily affects early B and T cells. Produced by thymic stromal cells, spleen cells and keratinocytes, IL-7 can also co-stimulate the proliferation of mature T cells in combination with other factors, such as ConA and IL-2.
<b>Molecular Mass</b>	17.4 kDa
<b>AA Sequence</b>	DCDIEGKDGKQYESVLMVSIQLLDSMKEIGSNCLNNEFNFFKRHICDANKEGMFLF RAARKLRQFLKMNSTGDFDLHLLKVSEGTTILLNCTGQVKGRKPAALGEAQPTKSLE ENKSLKEQKKLNDLCLFLKRLLEIKTCWNKILMGTKHEH
<b>Purity</b>	≥ 98% by SDS-PAGE gel and HPLC analyses.

### GENE INFORMATION

<b>Gene Name</b>	IL7 interleukin 7 [ Homo sapiens (human) ]
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<b>Official Symbol</b>	IL7
<b>Synonyms</b>	IL7; interleukin 7; interleukin-7; IL 7; IL-7;
<b>Gene ID</b>	3574
<b>mRNA Refseq</b>	NM_000880
<b>Protein Refseq</b>	NP_000871
<b>MIM</b>	146660
<b>UniProt ID</b>	P13232

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