

Recombinant Human IL7 Protein, GMP Grade, Animal-Free

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

SPECIFICATION

Product Overview	GMP Recombinant Human IL7 protein with out tag was expressed in E. coli and manufactured using animal-derived component free materials.
Species	Human
Source	E.coli
ProteinLength	152 amino acid
Description	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.
Molecular Mass	17.4 kDa
AA Sequence	DCDIEGKDGKQYESVLMVSIQLLDSMKEIGSNCLNNEFNFFKRHICDANKEGMFLF RAARKLRQFLKMNSTGDFDLHLLKVSEGTTILLNCTGQVKGRKPAALGEAQPTKSLE ENKSLKEQKKLNDLCFLKRLQEIKTCWNKILMGTKEH
Purity	≥ 98% by SDS-PAGE gel and HPLC analyses.

GENE INFORMATION

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

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