

## Recombinant Mouse Il7 protein, His-tagged

Cat. No. II7-742M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Il7 aa. (Glu26~Ile154 (Accession # P10168)) fused with N-terminal His tag was produced in E. coli cells.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Glu26~Ile154
<b>Description</b>	The protein encoded by this gene is a hematopoietic growth factor important for B and T cell development. Alternative splicing results in several transcript variants encoding different isoforms.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	18 kDa as determined by SDS-PAGE reducing conditions.
<b>Endotoxin</b>	<1.0EU per 1g (determined by the LAL method)
<b>Purity</b>	>95%
<b>Characteristic</b>	The isoelectric point is 9.
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP.

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<b>Stability</b>	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.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
<b>Storage buffer</b>	Supplied as liquid form in Phosphate buffered saline(PBS), pH 7.4.
<b>Reconstitution</b>	Reconstitute in sterile PBS, pH7.2-pH7.4.

## GENE INFORMATION

<b>Gene Name</b>	IL7 interleukin 7 [ <i>Mus musculus</i> (house mouse) ]
<b>Official Symbol</b>	IL7
<b>Synonyms</b>	IL-7; hlb368; A630026I06Rik; interleukin-7
<b>Gene ID</b>	16196
<b>mRNA Refseq</b>	NM_001313888.1
<b>Protein Refseq</b>	NP_001300817.1
<b>UniProt ID</b>	P10168

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