

Recombinant Mouse Il7 protein, His-tagged

Cat. No. Il7-742M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Il7 aa. (Glu26~Ile154 (Accession # P10168)) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Glu26~Ile154
Description	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.
Form	Freeze-dried powder
Molecular Mass	18 kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 9.
Applications	SDS-PAGE; WB; ELISA; IP.

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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.
Storage buffer	Supplied as liquid form in Phosphate buffered saline(PBS), pH 7.4.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
GENE INFORMATION	
Gene Name	IL7 interleukin 7 [<i>Mus musculus</i> (house mouse)]
Official Symbol	IL7
Synonyms	IL-7; hlb368; A630026I06Rik; interleukin-7
Gene ID	16196
mRNA Refseq	NM_001313888.1
Protein Refseq	NP_001300817.1
UniProt ID	P10168