

Recombinant Mouse Il7 Protein, His-tagged

Cat. No. Il7-1683M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Il7 Protein (Met1-Ile154) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Met1-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	Predicted Molecular Mass: 21.4 kDa Accurate Molecular Mass: 21 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
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 centigrade 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.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 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.

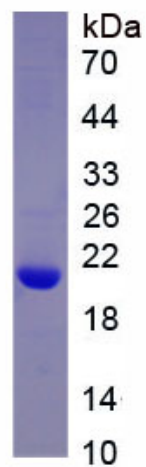
GENE INFORMATION

Gene Name	Il7 interleukin 7 [<i>Mus musculus</i> (house mouse)]
Official Symbol	Il7
Synonyms	IL7; interleukin 7; interleukin-7; Il-7; hlb368; A630026I06Rik; MGC129342;
Gene ID	16196
mRNA Refseq	NM_008371
Protein Refseq	NP_032397
UniProt ID	P10168

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