

Recombinant Mouse Il7 Protein, His-tagged

Cat. No. II7-1683M Lot. No. (See product label)

SPECIFICATION

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| 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. |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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. |

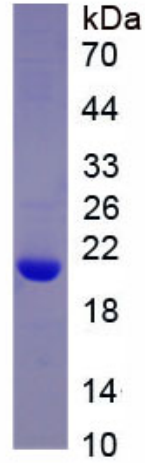
GENE INFORMATION

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|------------------------|--|
| 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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