

Interleukin 7 (IL7) Recombinant Protein | IL7 recombinant protein

Recombinant Interleukin 7 (IL7)

CATALOG # AAA151026	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
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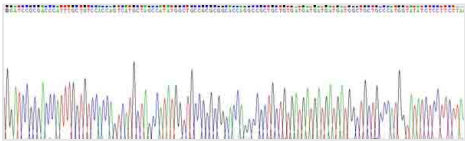
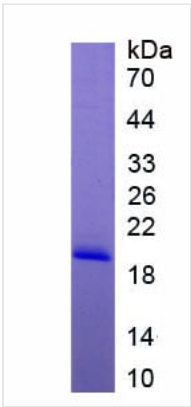
PRODUCT SYNONYMS

Interleukin 7 (IL7); Recombinant Interleukin 7 (IL7); IL7/Interleukin 7; Pre-B-cell Growth Factor; Lymphopoietin-1; IL7 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90% by SDS-PAGE
Form/Format	Freeze-dried powder 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Sequence	Glu26~Ile1 54
Applicable Applications for IL7 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Tag	N-terminal His Tag
Expression System	Prokaryotic expression
Organism Species	Mouse
Isoelectric Point	8.6
Subcellular Location	Secreted
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0mg/mL. Do not vortex.
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored. 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 degree 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.

IMAGES



Sequence
Gene Sequencing (extract)

SDS-PAGE
SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for IL7 recombinant protein	Cytokine; Infection immunity; Bone metabolism; Dermatology; Prokaryotic recombinant
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6680433
NCBI GeneID	16196
NCBI Accession #	NP_032397.1
NCBI GenBank Nucleotide #	NM_008371.4
UniProt Accession #	P10168
Molecular Weight	17,727 Da
NCBI Official Full Name	interleukin-7
NCBI Official Synonym Full Names	interleukin 7
NCBI Official Symbol	IL7
NCBI Official Synonym Symbols	IL-7; hlb368; A630026I06Rik
NCBI Protein Information	interleukin-7
UniProt Protein Name	Interleukin-7
UniProt Gene Name	IL7
UniProt Synonym Gene Names	IL-7; IL-7
UniProt Entry Name	IL7_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.