

Interleukin 7 (IL7) Protein | IL7 protein

Eukaryotic Interleukin 7 (IL7)

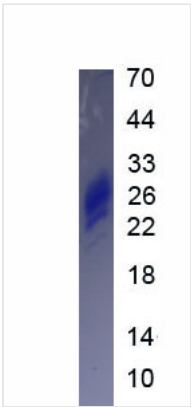
CATALOG # AAA150597	HOST 293F cells	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Interleukin 7 (IL7); Eukaryotic Interleukin 7 (IL7); Interleukin 7; Pre-B-cell Growth Factor; Lymphopoietin-1; IL7 protein

PRODUCT SPECIFICATIONS

Host	293F cells
Purity/Purification	>90%
Form/Format	Freeze-dried powder 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Sequence	Asp26~His1 77
Applicable Applications for IL7 protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Eukaryotic expression
Species	Human
Tag	N-terminal His Tag
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	8.6
Subcellular Location	Secreted
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Avoid repeated freeze/thaw cycles. 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.



Sequence

DCDTEGKDGKQYQSVLWVSDQLLSPKTEIGSNCLNNEFFKRRHICDANKGQNFLLFRAARKLRQFLKMNSTGDFDLHLKVSGETTIL
LNCTGQVGRKPAALGEAQTSLSEENSLKEQKLNLCFLKRLLEIKTCWIKELMGTEH

SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for IL7 protein	Cytokine; Infection immunity; Bone metabolism; Dermatology; Eukaryotic proteins/EP
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NCBI AND UNIPROT INFORMATION

NCBI GI #	315467871
NCBI GeneID	3574
NCBI Accession #	NP_001186817.1
NCBI GenBank Nucleotide #	NM_001199888.1
UniProt Accession #	P13232; Q5FBY5; Q5FBY9; A0N0L3
Molecular Weight	20,187 Da
NCBI Official Full Name	interleukin-7 isoform 4
NCBI Official Synonym Full Names	interleukin 7
NCBI Official Symbol	IL7
NCBI Official Synonym Symbols	IL-7
NCBI Protein Information	interleukin-7
UniProt Protein Name	Interleukin-7
UniProt Gene Name	IL7
UniProt Synonym Gene Names	IL-7
UniProt Entry Name	IL7_HUMAN

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.