

Recombinant Human IL7 protein

Cat. No. IL7-232H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL7 Protein is expressed from Expi293 with no tag. It contains Asp26-His177.
Species	Human
Source	HEK293
ProteinLength	Asp26-His177
Description	Interleukin-7 (IL7) plays a nonredundant role in T cell survival and homeostasis, which is illustrated in the severe T cell lymphopenia of IL7-deficient mice, or demonstrated in animals or humans that lack expression of either the IL7R α or γ c chain, the two subunits that constitute the functional IL7 receptor.
Form	Supplied as 0.22 μ m filtered solution in 25mM PB,250mM NaCl,pH 6.8.
Molecular Mass	The protein has a predicted MW of 17.5 kDa.Due to glycosylation, the protein migrates to 18-20KDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.05 EU per ug by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	The product should be stored at -70°C. Please do not repeated freeze-thaw cycles.

 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



GENE INFORMATION

Gene Name	IL7
Official Symbol	IL7
Synonyms	IL7, Interleukin-7
Gene ID	3574
mRNA Refseq	NM_000880.4
Protein Refseq	NP_000871.1
MIM	146660
UniProt ID	P13232

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