



Recombinant Human Interleukin-7 protein (IL7)

Product Code	CSB-AP001751HU
Abbreviation	Recombinant Human IL7 protein (Active)
Uniprot No.	P13232
Storage Buffer	Lyophilized from a 0.2 μm filtered concentrated solution in 20 mM PB, 150 mM NaCl, pH 7.4.
Product Type	Interleukins
Immunogen Species	Homo sapiens (Human)
Biological Activity	Fully biologically active when compared to standard. rHuIL-7 stimulates proliferation of PHA-activated human peripheral blood mononuclear cell (PBMC). The specific activity of Recombinant Human IL-7 is > 1.0 × 10 ⁸ Units/mg,
Purity	>97% as determined by SDS-PAGE.
Sequence	DCDIEGKDGK QYESVLMVSI DQLLDSMKEI GSNCLNNEFN FFKRHICDAN KEGMFLFRAA RKLQRQLKMN STGDFDLHLL KVSEGTTILL NCTGQVKGRK PAALGEAQPT KSLEENKSLK EQKKLNDLCF LKROLLQEIKT CWNKILMGTK EH
Research Area	Immunology
Source	E.Coli
Target Names	IL7
Expression Region	26-177aa
Tag Info	Tag-Free
Mol. Weight	17.4 kDa
Protein Length	Full Length of Mature Protein
PubMed ID	2643102; 2329282; 16421571; 15489334; 9407080; 8862549; 10850801; 19141282

Image



Endotoxin

Less than 1.0 EU/μg as determined by LAL method.



Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.