

Human IL-7 (glycosylated, HEK)

Synonyms: Lymphopoietin 1 (LP-1), pre-B cell factor, IL-7.

PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING

Size	Order #	Lot #	Expiry Date
2 µg	1530.955.002		
10 µg	1530.955.010		
100 µg	1530.955.100		

Please enquire for bulk quantities and other vial sizes

Description

IL-7 Human Recombinant produced in HEK cells is a glycosylated monomer, having a molecular weight range of 19-30kDa due to glycosylation.

- **Source** HEK
- **Purity** ≥ 95% (SDS-PAGE)
- **Endotoxin level** ≤ 0.1ng/µg (≤ 1EU/µg)
- **Buffer** The IL7 was lyophilized from 1mg/ml in 1xPBS*
- **Physical state** Sterile filtered, lyophilized

Biological Activity

The activity was determined by the dose dependent stimulation of the proliferation of murine 2E8 cells and is typically 0.3ng/ml corresponding to a specific activity of 3,333,334units/mg.

Reconstitution

It is recommended to reconstitute the lyophilized IL-7 in sterile PBS containing 0.1% endotoxin-free recombinant HSA.

Stability

Lyophilized IL-7 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution IL7 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). **Please avoid repeated freeze-thaw cycles.**

Usage: For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.

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