Human IL-7 (glycosylated, HEK)

Human Interleukin-7 (glycosylated, HEK), recombinant

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** ≤ 0.1 ng/µg (≤ 1 EU/µg)
- **Buffer** The IL7 was lyophilized from 1 mg/ml in 1 xPBS*
- **Physical State** Sterile filtered, lyophilized

Biological Activity

The activity was determined by the dose dependent stimulation of the proliferation of murine 2 E8 cells and is typically 0.3 ng/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 (order number: 2835.958.xyz).

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, order number: 2835.955.xyz or 2835.958.xyz, or BSA, order number: 2835.919.xyz). 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.

ORDERING
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