

# Recombinant Human IL-7

Catalog Number: OM643762

## Characteristics:

**Source** Chinese Hamster Ovary cell line

**Description** Human IL-7 (Asp26-His177)  
Accession # P13232

**Predicted molecular mass** 17.3 kDa

## Specification:

**Appearance** White powder, Colorless clear liquid after reconstitution

**Purity**  $\geq 95\%$ , by SDS-PAGE (under reducing (R)&Non-reducing conditions, visualized by Coomassie staining)

**Endotoxin**  $\leq 10$  EU/mg by the LAL method

**Activity** Measured in a cell proliferation assay using NALM-6 human pre-B cells.  
The  $ED_{50}$  for this effect is  $\leq 30$  ng/ml

**Formulation** Lyophilized from a 0.2  $\mu$ m filtered solution containing PBS, 5% mannitol and 0.01% Tween 80, pH 7.4

**Size** 50  $\mu$ g/vial, 1 mg/vial

## Handling and Storage:

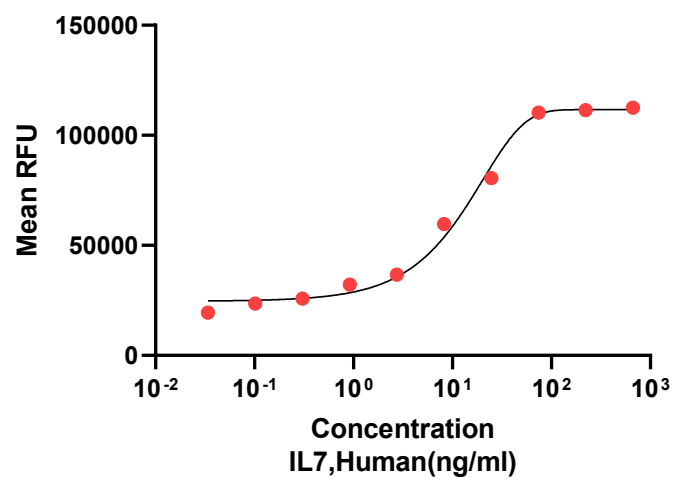
**Reconstitution** It is recommended to redissolve in sterile deionized water.

**Shipping** The product is shipped with blue ice

**Storage & Stability** 36 months at 2°C to 8°C in lyophilized state  
6 months at -20°C to -80°C under sterile conditions after reconstitution  
7-10 days at 2°C to 8°C under sterile conditions after reconstitution  
**Use a manual defrost freezer and avoid repeated freeze-thaw cycles.**

## Data:

### Bioactivity



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