

## GMP IL-7 Protein, Human (HEK293, His)

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Cat. No.: HY-P70755G  
Batch No.: 121323

### ANALYTICAL DATA

Accession: P13232  
Gene\_ID: 3574  
Molecular Weight: 19-30 kDa  
Appearance: Lyophilized Powder  
Purity (SDS-PAGE):  $\geq 95.0\%$   
pH Value: 7.4  
Activity: 6.93 E6 IU/mg  
Endotoxin Level: <0.50 EU/ $\mu$ g  
Host Cell Protein (ELISA): 3.1 ng per  $\mu$ g of protein  
Mycoplasma: Negative  
Host Cell DNA (qPCR): 0.0056 ng per mg of protein  
Formulation: Lyophilized from a 0.2  $\mu$ m filtered solution of PBS, pH 7.4.  
Reconstitution: It is not recommended to reconstitute to a concentration less than 100  $\mu$ g/mL in injection water.  
Storage & Stability: Stored at -20°C. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer.  
It is recommended to freeze aliquots at -20°C or -80°C for extended storage.  
Conclusion: The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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