

Human IL-6 Protein

HA210229



Product name:	Human IL-6 Protein
Catalog No.:	HA210229
Purity:	> 95% as determined by Tris-Bis PAGE > 90% as determined by HPLC
Endotoxin:	Less than 1EU per µg by the LAL method.
Formulation:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.

Background: IL-6 (Interleukin-6) is a pleiotropic cytokine that acts in the acute phase reaction, inflammation, hematopoiesis, bone metabolism, and cancer progression. Interleukin 6 has been shown to interact with interleukin-6 receptor and glycoprotein.

Source: Human IL-6 is expressed from E.coli without Tag .It contains Val30-Met212.

Expressed Host: E.coli

Tag: no tag

Storage: -20 to -80°C for 12 months as supplied from date of receipt.
-20 to -80°C for 3-6 months in unopened state after reconstitution.
2-8°C for 2-7 days after reconstitution.
Recommend to aliquot the protein into smaller quantities for optimal storage. Please avoid freeze-thaw cycles.

Reconstitution: Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended (usually we use 1mg/ml solution for lyophilization). Dissolve the lyophilized protein in distilled water.

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Images

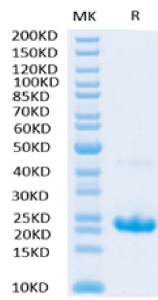


Fig1: Recombinant IL-6 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

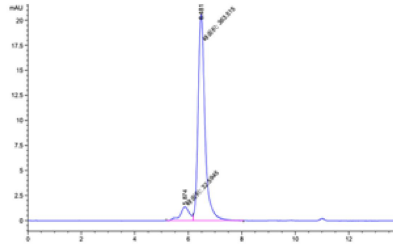


Fig2: The purity of IL-6 is greater than 90% as determined by SEC-HPLC

Note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".