



PRODUCT PROFILE

- PRODUCT:** Purified Human Interleukin-6 (IL-6)
- CATALOG NUMBER:** AG-80LK6-Z
- LOT NUMBER:**
- QUANTITY:**
- PHYSICAL STATE:** Liquid
- BUFFER:** PBS buffer, pH 7.2, 0.5M Imidazole.
- STORAGE:** Store at -20°C. The thawed product is stable at 2-8°C for one week. Following the initial thaw, please prepare multiple aliquots and store at -20°C. It is not recommended to store the product in a frost-free freezer. Multiple freeze-thaw cycles are not recommended.
- EXPIRATION:** 12 months from shipment date.
- PROCEDURE:** Recombinant Human IL-6 (UniProt# P05231, a.a. 1-212) with a 6xHIS tag was expressed in HEK293F cells and purified by nickel affinity chromatography. Under reducing conditions, the protein is detected at an estimated molecular weight of ~25 kDa.
- SPECIFICATIONS:** The product is determined to be >90% pure based on SDS-PAGE analysis. Its concentration is determined using absorbance reading at 280 nm ($A^{0.1\%}_{280}$ value = 0.45) and a Bradford protein assay. The protein reacts with anti-human IL-6 antibody, as verified by western blotting and ELISA.

**FOR RESEARCH AND MANUFACTURING ONLY; NOT FOR USE IN DIAGNOSTIC APPLICATIONS.
FOR IN VITRO USE ONLY; NOT FOR HUMAN OR ANIMAL CONSUMPTION.**

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