

## IL-6 recombinant protein

Human IL-6-Purified

|                              |                      |                                            |
|------------------------------|----------------------|--------------------------------------------|
| CATALOG #<br><b>AAA76839</b> | HOST<br><b>Human</b> | APPLICATIONS<br><b>Western Blot, ELISA</b> |
|------------------------------|----------------------|--------------------------------------------|

### PRODUCT SYNONYMS

IL-6; Human IL-6-Purified; IL-6 recombinant protein

### PRODUCT SPECIFICATIONS

|                                                      |                                                                                                                                                                                                                                                                                                   |
|------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                 | Human                                                                                                                                                                                                                                                                                             |
| Specificity                                          | The product is determined to be >90% pure based on SDS-PAGE analysis. Its concentration is determined using absorbance reasing 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 Blot and ELISA. |
| Purity/Purification                                  | Purified Protein                                                                                                                                                                                                                                                                                  |
| Form/Format                                          | Liquid; PBS buffer, pH 7.2 , 0.5M Imidazole                                                                                                                                                                                                                                                       |
| Applicable Applications for IL-6 recombinant protein | WB (Western Blot), ELISA                                                                                                                                                                                                                                                                          |
| Conjugation                                          | Unconjugated                                                                                                                                                                                                                                                                                      |
| Sample Type                                          | Control                                                                                                                                                                                                                                                                                           |
| 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 ~25kDa.                                              |
| Preparation and 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.                         |

### ADDITIONAL INFORMATION

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|----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| Related Product Information for IL-6 recombinant protein | Purified recombinant Human Interleukin-6 (IL-6). Expressed and purified from HEK293K cells and contains a 6xHIS tag. |
| Product Categories/Family for IL-6 recombinant protein   | <a href="#">Protein Standard</a> ; <a href="#">Interleukin-6 (IL-6) Controls</a>                                     |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/il-6-recombinant-protein-human-wb-western-blot-elisa/76839>