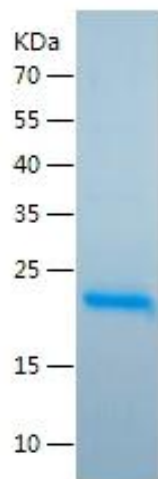


## Recombinant Human IL-6

<b>Catalogue No.:</b>	P0174
<b>Species:</b>	Human
<b>Uniprot ID:</b>	P05231
<b>Expression Region:</b>	29-212
<b>Host:</b>	E.Coli
<b>Tags:</b>	N-terminal His Tag
<b>Molecular Weight:</b>	20 kDa under reducing conditions
<b>Purity:</b>	Greater than 90% as determined by SDS-PAGE
<b>Activity:</b>	Measured in a cell proliferation assay using T1165.85.2.1 mouse plasmacytoma cells. The ED50 for this effect is 0.5-2 ng/mL.
<b>Formulation:</b>	Lyophilized from a 0.2 $\mu$ m filtered solution in 10 mM Hepes, 150 mM NaCl with 5% trehalose, pH7.4.
<b>Reconstitution:</b>	Centrifuge the vial prior to opening, reconstitute in sterile distilled water or buffer of interest to concentration of 0.1-1mg/ml by gently pipetting 2-3 times, don't vortex.
<b>Synonyms:</b>	Interleukin-6, B-cell stimulatory factor 2, BSF-2, CTL differentiation factor, CDF, Hybridoma growth factor, Interferon beta-2, IFN-beta-2, IL6, IFNB2

**Storage:**

The lyophilized protein is stable at  $-20^{\circ}\text{C}$  for up to 1 year, the protein solution can be stored at  $2-8^{\circ}\text{C}$  for up to 1 week under sterile condition. For extended storage, it is recommended to further dilute in a buffer containing 0.1% BSA (make sure BSA will NOT interfere with your experiment ) and store in working aliquots at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$  for 6 months. Avoid repeated freeze/thaw cycle.

**SDS-PAGE:****Safety Note:**

This product is intended for research and manufacturing uses only. It is not a diagnostic device. Product degradation will result from multiple freeze/thaw cycles. It is suggested that the antigen be stored in use size aliquots and thawed just prior to use. This material has been inactivated, however as with all biological materials, it should be handled as potentially infectious. The user assumes all responsibility for care, custody and control of the material, including its disposal, in accordance with all regulations.