

Recombinant human IL-6 protein, C-His

Catalog Number: bs-10807P

Concentration: >0.5 mg/ml

AA Seq: 30-212/212

Predicted MW: 15

Detected MW: 20-24 kDa

Tags: C-His

Activity: Not tested

Endotoxin: Not analyzed

Purity: >95% as determined by SDS-PAGE

Purification: AC

Form: Lyophilized or Liquid

Storage: 10mM TBS (pH7.4).

Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

Background: This gene encodes a cytokine that functions in inflammation and the maturation of B cells. In addition, the encoded protein has been shown to be an endogenous pyrogen capable of inducing fever in people with autoimmune diseases or infections. The protein is primarily produced at sites of acute and chronic inflammation, where it is secreted into the serum and induces a transcriptional inflammatory response through interleukin 6 receptor, alpha. The functioning of this gene is implicated in a wide variety of inflammation-associated disease states, including susceptibility to diabetes mellitus and systemic juvenile rheumatoid arthritis. [provided by RefSeq, Jun 2011].

VALIDATION IMAGES



The purity of the protein is greater than 41% as determined by reducing SDS-PAGE.



The purity of the protein is greater than 90% as determined by reducing SDS-PAGE.

PRODUCT SPECIFIC PUBLICATIONS

[IF=5.123] Liu XP et al. A Label-free Photoelectrochemical Biosensor for Urokinase-type Plasminogen Activator Detection Based on a gC₃N₄/CdS Nanocomposite. *Analytica Chimica Acta*.1025;99-107. Other ; .
10.1016/j.aca.2018.04.051