

## Recombinant rat IL-6 protein, C-His

Catalog Number: bs-42549P

Concentration: >1mg/ml

Species: Rat

AA Seq: 26-211/211

Predicted MW: 22.9 kDa

Tags: C-His

Endotoxin: Not analyzed

Purity: >90% as determined by SDS-PAGE

Purification: AC

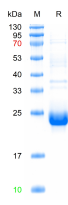
Form: Liquid

Storage: 20mM Tris-HCl (pH=8.0) with 8M Urea and 3mM DTT, 150mM NaCl

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 80% as determined by reducing SDS-PAGE.