

## Recombinant IL-6 antigen

### Product overview

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Catalog number	C-40-0070
Description	Recombinant human interleukin-6 antigen is produced by <i>E. coli</i> expression system and the target gene encoding Val30-Met212 is expressed. Predicted molecular weight: ~20 kDa.
Product host	<i>Escherichia coli</i> ( <i>E. coli</i> )
Product formulation	Lyophilized
Product buffer solution	Lyophilized from 20 mM PBS, 0.05% PS-80, pH 7.4; Containing 4% Mannitol, 5 % sucrose as a stabilizer.
Reconstitution	Reconstitute the lyophilized protein with deionized water
Shelf life and storage	Unspecified, storage at -20 °C.
Analyte description	IL-6 is an interleukin that acts as both a pro-inflammatory and anti-inflammatory cytokine. It is secreted by T cells and macrophages to stimulate immune response to trauma, especially burns or other tissue damage leading to inflammation. IL-6 is relevant to many disease processes such as diabetes, atherosclerosis, depression, Alzheimer's Disease, systemic lupus erythematosus, cancer, and rheumatoid arthritis.
Purity	>90%, SDS-PAGE
Antibodies tested	Anti-h IL-6 2703, + Anti-h IL-6 2704, + Anti-h IL-6 2706, + Anti-h IL-6 2707, +
Miscellaneous	N/A



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