

Datasheet for ABIN666780

**IL-6 Protein (AA 30-212) (His tag)**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µg
Target:	IL-6 (IL6)
Protein Characteristics:	AA 30-212
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL-6 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

## Product Details

Characteristics:	Interleukin 6, 30-212 aa, Human, His-tagged, Recombinant, E.coli
Purity:	> 95 % by SDS - PAGE

## Target Details

Target:	IL-6 (IL6)
Alternative Name:	Interleukin 6 ( <a href="#">IL6 Products</a> )
Background:	Interleukin-6, as known as IL-6, is an immunoregulatory lymphokine produced by T-cells in response to antigenic or mitogenic stimulation. It is also a 'myokine,' a cytokine produced from muscle, and is elevated in response to muscle contraction. IL-6 acts as both a pro-inflammatory and anti-inflammatory cytokine. Smooth muscle cells in the tunica media of many blood vessels also produce IL-6. It is mediated through its inhibitory effects on TNF-alpha and IL-1,

## Target Details

and activation of IL-1ra and IL-10. Recombinant interleukin-6 was expressed in E.coli and purified by conventional chromatography, after refolding of the isolated inclusion bodies in a renaturation buffer. Synonyms: HGF, HSF, BSF2, IL-6, IFNB2, IL6, interleukin 6 (interferon, beta 2),. NCBI no.: NP\_000591

Molecular Weight: 23.1 kDa (204 aa), confirmed by MALDI-TOF.

Pathways: [TLR Signaling](#), [Hormone Transport](#), [Negative Regulation of Hormone Secretion](#), [Myometrial Relaxation and Contraction](#), [Positive Regulation of Immune Effector Process](#), [Production of Molecular Mediator of Immune Response](#), [Regulation of Carbohydrate Metabolic Process](#), [Autophagy](#), [Cell RedoxHomeostasis](#), [Cancer Immune Checkpoints](#), [Inflammasome](#)

## Application Details

Restrictions: For Research Use only

## Handling

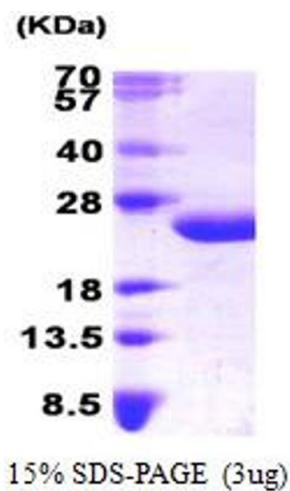
Format: Liquid

Concentration: 0.5 mg/ml (determined by Bradford assay)

Buffer: Liquid. In Phosphate Buffered Saline (pH7.4) containing 10% glycerol

Storage: 4 °C

## Images



### SDS-PAGE

Image 1.