

For Research Use Only

# IL-6 Protein, Mouse, Recombinant



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Catalog Number: CM13921

## 产品信息

Catalog Number:  
CM13921

分子量:  
Approxiamtely 21.9 kDa

CAS No.:

CAS号:  
分子式:  
主要靶点:

## 描述

Interleukin-6 (IL-6) is a multifunctional  $\alpha$ -helical cytokine that regulates cell growth and differentiation of various tissues, which is known particularly for its role in the immune response and acute phase reactions. IL-6 protein is secreted by a variety of cell types including T cells and macrophages as a phosphorylated and variably glycosylated molecule. It exerts actions through its heterodimeric receptor composed of IL-6R that lacks the tyrosine/kinase domain and binds IL-6 with low affinity, and ubiquitously expressed glycoprotein 130 (gp130) that binds the IL-6. IL-6R complex with high affinity and thus transduces signals. IL-6 is also involved in hematopoiesis, bone metabolism, and cancer progression, and has been defined as an essential role in directing the transition from innate to acquired immunity. Cancer Immunotherapy/Immune Checkpoint Immunotherapy/Targeted Therapy

## 储存

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