

### Recombinant mouse IL-6 protein ab9731

描述	
产品名称	重组小鼠IL-6蛋白
纯度	> 98 % SDS-PAGE. Endotoxin level is less than 0.1 ng per g (1EU/g).
表达系统	Escherichia coli
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Mouse
序列	Recombinant Murine IL-6 is a 21.7 kDa protein containing 187 amino acid residues: MFPTSQVRRG DFTEDTTPNR PVYTTSQVGG LITH VLWEIV EMRKELCNGN SDCMNDDALAENNLKLPEI QRNDGICYQTG YNQEICLLKI SSGLLLEYHSY LEYMKNNLKD NKKDKARVLQRDTETLI HIF NQEVKDLHKI VLPTPISNAL LTKLESQKE WLRTKTIQFI LK SLEEFLKVTLRSTRQT
技术指标	
Our <b>Abpromise guarantee</b> covers the use of <b>ab9731</b> in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
应用	Functional Studies SDS-PAGE
形式	Lyophilized
补充说明	Biological activity determined by its ability to stimulate the proliferation of mouse B9 cells.
制备和贮存	
稳定性和存储	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.  This product is an active protein and may elicit a biological response in vivo, handle with caution.
复溶	We recommend a quick spin followed by reconstitution in 100ul water to a concentration of

0.1mg/ml.

## 常规信息

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功能	Cytokine with a wide variety of biological functions. It is a potent inducer of the acute phase response. Plays an essential role in the final differentiation of B-cells into Ig-secreting cells. Involved in lymphocyte and monocyte differentiation. It induces myeloma and plasmacytoma growth and induces nerve cells differentiation. Acts on B-cells, T-cells, hepatocytes, hematopoietic progenitor cells and cells of the CNS. Also acts as a myokine. It is discharged into the bloodstream after muscle contraction and acts to increase the breakdown of fats and to improve insulin resistance.
疾病相关	<p>Genetic variations in IL6 are associated with susceptibility to rheumatoid arthritis systemic juvenile (RASJ) [MIM:604302]. An inflammatory articular disorder with systemic-onset beginning before the age of 16. It represents a subgroup of juvenile arthritis associated with severe extraarticular features and occasionally fatal complications. During active phases of the disorder, patients display a typical daily spiking fever, an evanescent macular rash, lymphadenopathy, hepatosplenomegaly, serositis, myalgia and arthritis.</p> <p>Note=A IL6 promoter polymorphism is associated with a lifetime risk of development of Kaposi sarcoma in HIV-infected men.</p>
序列相似性	Belongs to the IL-6 superfamily.
翻译后修饰	N- and O-glycosylated.
细胞定位	Secreted.

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**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

## Our Abpromise to you: Quality guaranteed and expert technical support

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.cn/abpromise> or contact our technical team.

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- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors