

# Recombinant mouse IL-6 protein ab198572

[2 References](#) [画像数 2](#)

### 製品の詳細

製品名	Recombinant mouse IL-6 protein
生理活性	The activity is determined by dose-dependent induction of 7TD1 cell proliferation and is typically less than 0.02 ng/mL.
精製度	> 95 % SDS-PAGE. Protein Content and Purity (typically = 95%) determined by: HPLC, Reducing and Non-reducing SDS-PAGE, UV spectroscopy at 280 nm.
エンドトキシン・レベル	<=1.000 Eu/μg
発現系	Escherichia coli
アクセッション番号	<b>P08505</b>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Mouse
配列	MFPTSQVRRG DFTEDTTPNR PVYTTSQVGG LITHVLWEIV EMRKELCNGN SDCMNDDAL AENNLKLEI QRNDGCYQTG YNQEICLLKI SSGLLEYHSY LEYMKNLKD NKKDKARVLQ RDTETLIHIF NQEVKDLHKI VLPTPISNAL LTDKLESQKE WLRTKTIQFI LKSLEEFKLV TLRSTRQT
予測される分子量	22 kDa
領域	25 to 211
配列の追加情報	This product is for the mature full length protein. The signal peptide is not included.

### 特性

Our **Abpromise guarantee** covers the use of **ab198572** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	HPLC
	SDS-PAGE
	Functional Studies

**製品の状態** Lyophilized

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**前処理および保存**

**保存方法および安定性** Shipped at 4°C. Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle. For long term storage it is recommended to add a carrier protein on reconstitution (0.1% HSA or BSA).

This product is an active protein and may elicit a biological response in vivo, handle with caution.

**再構成** Centrifuge vial before opening. When reconstituting the product, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution. It is recommended to reconstitute the lyophilized mouse IL-6 in 10 mM HCl to 0.1-1.0 mg/mL.

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**関連情報**

**機能** 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.

**関連疾患** 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.  
Note=A IL6 promoter polymorphism is associated with a lifetime risk of development of Kaposi sarcoma in HIV-infected men.

**配列類似性** Belongs to the IL-6 superfamily.

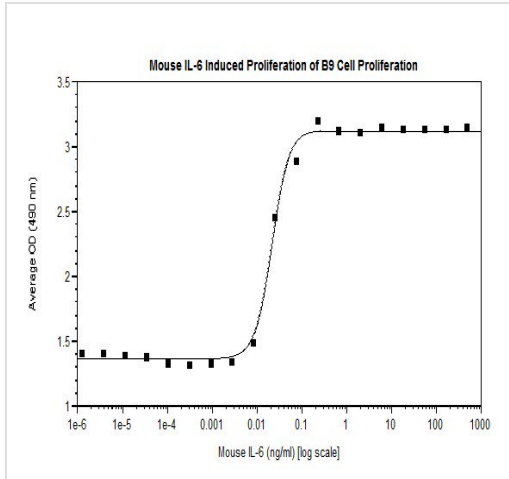
**翻訳後修飾** N- and O-glycosylated.

**細胞内局在** Secreted.

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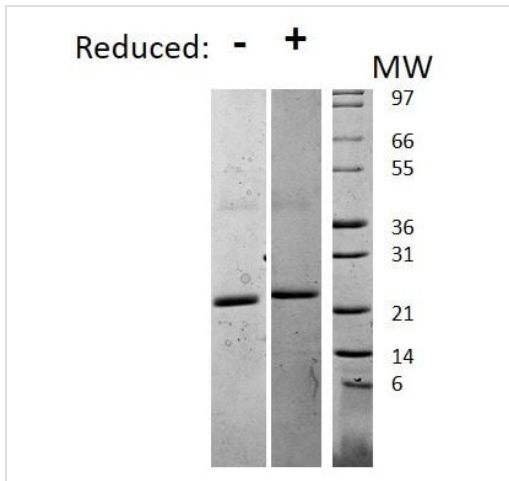
**画像**

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Functional analysis of ab198572

Functional Studies - Recombinant mouse IL-6 protein (ab198572)



SDS PAGE analysis of ab198572 under non-reducing (-) and reducing (+) conditions. Stained with Coomassie Blue.

SDS-PAGE - Recombinant mouse IL-6 protein (ab198572)

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

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