

# Recombinant human IL-23 protein ab106889

## 1 References

### カルタヘナ法

### 製品の詳細

製品名	Recombinant human IL-23 protein	
生理活性	Biological activity measured by the ability to induce IL-17 secretion by mouse splenocytes.	
精製度	<p>&gt; 95 % SDS-PAGE.</p> <p>Purity greater than 95% by SDS-PAGE gel and HPLC analyses. Sterile filtered through a 0.2 micron filter.</p>	
エンドキシン・レベル	< 1.000 Eu/μg	
発現系	BTI-TN-5B1-4 cells	
アクセッション番号	<p><b><u>Q9NPF7</u></b></p> <p><b><u>P29460</u></b></p>	
タンパク質長	Full length protein	
Animal free	No	
由来	Recombinant	
アミノ酸配列 1		
生物種	Human	
配列	<p>RAVPGGSSPA WTQCQQLSQK LCTLAWSAHP</p> <p>LVGHMDLREE GDEETTNDVP HIQCGDGDGP</p> <p>QGLRDNSQFC LQRIHQGLIF YEKLLGSDIF</p> <p>TGEPSELLPDS PVGQLHASLL GLSQLLQPEG</p> <p>HHWETQQIPS LSPSQPWQRL LLRFKILRSL</p> <p>QAFVAVAARV FAHGAATLSP</p>	
予測される分子量	54 kDa	
配列の追加情報	Recombinant Human IL-23 is a heterodimeric protein consisting of the two subunits, p19 (170 amino acids) and p40 (306 amino acids).	
アミノ酸配列 2		
生物種	Human	
配列	<p>IWELKKDVVY VELDWPDPAP GEMVVLTCDT</p> <p>PEEDGITWTL DQSSEVLGSG KTLTIQVKEF</p> <p>GDAGQYTCHK GGEVLSHSL L LHKKEDGIW</p> <p>STDILKDQKE PKNKTF LRCE AKNYSGRFTC</p> <p>WWLTTISTDL TFSVKSSRGS SDPQGVTCGA</p> <p>ATLSAERVRG DNKEYEYSVE CQEDSACPAA</p>	

EESLPIEVMV DAVHKLKYEN YTSSFFIRDI  
IKPDPPKNLQ LKPLKNSRQV EVSWEYPDTW  
STPHSYFSLT FCVQVQGKSK REKKDRVFTD  
KTSATVICRK NASISVRAQD RYYSSSWSEW ASVPCS

**予測される分子量**

54 kDa

**配列の追加情報**

Recombinant Human IL-23 is a heterodimeric protein consisting of the two subunits, p19 (170 amino acids) and p40 (306 amino acids).

**特性**

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Our **Abpromise guarantee** covers the use of **ab106889** 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**

SDS-PAGE

Functional Studies

**製品の状態**

Lyophilized

**備考**

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.5-1.0 mg/ml. Do not vortex. This solution can be stored at 2-8°C for up to 1 week. For extended storage, it is recommended to further dilute in a buffer containing a carrier protein (example 0.1% BSA) and store in working aliquots at -20°C to -80°C.

**前処理および保存**

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**保存方法および安定性**

Shipped at 4°C. The lyophilized protein is stable for a few weeks at room temperature. Store at -20°C or -80°C. Avoid freeze / thaw cycle. Please see notes section.

Constituent: 2.68% PBS

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

**再構成**

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.5-1.0 mg/ml. Do not vortex. This solution can be stored at 2-8°C for up to 1 week. For extended storage, it is recommended to further dilute in a buffer containing a carrier protein (example 0.1% BSA) and store in working aliquots at -20°C to -80°C.

**関連情報**

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**機能**

Associates with IL12B to form the IL-23 interleukin, an heterodimeric cytokine which functions in innate and adaptive immunity. IL-23 may constitute with IL-17 an acute response to infection in peripheral tissues. IL-23 binds to an heterodimeric receptor complex composed of IL12RB1 and IL23R, activates the Jak-Stat signaling cascade, stimulates memory rather than naive T-cells and promotes production of proinflammatory cytokines. IL-23 induces autoimmune inflammation and thus may be responsible for autoimmune inflammatory diseases and may be important for tumorigenesis.

**組織特異性**

Secreted by activated dendritic and phagocytic cells and keratinocytes. Also expressed by dermal Langerhans cells (at protein level).

**配列類似性**

Belongs to the IL-6 superfamily.

**発生段階**

Expressed by newborns dendritic cells.

**細胞内局在**

Secreted. Secreted upon association with IL12B.

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

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- 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

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