

## Product datasheet

# Recombinant human IL8 protein ab73858

### 概述

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产品名称	重组人IL8蛋白
蛋白长度	Full length protein

### 描述

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性质	Recombinant
来源	Escherichia coli

### 氨基酸序列

Accession	<a href="#">P10145</a>
种属	Human
序列	AVLPRSAKEL RCQCIKTYSK PFHPKFIKEL RVIESGPHCA NTEIIVKLSL GRELCLDPKE NWXQRVVEKF LKRAENS
氨基酸	23 to 99

### 技术指标

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Our [Abpromise guarantee](#) covers the use of **ab73858** in the following tested applications.

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

生物活性	Biological Activity: Specific Activity of IL8 in chemotaxis of donor PBL neutrophils, threshold concentration corresponding to 25-150ng/ml.
应用	Functional Studies Western blot SDS-PAGE
纯度	> 95 % SDS-PAGE. ab73858 is purified by proprietary chromatographic techniques. Purity is greater than 98.0% as determined by RP-HPLC and SDS-PAGE.
形式	Lyophilised

### 制备和贮存

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## 稳定性和存储

Shipped at 4°C. Store at -80°C. Avoid freeze / thaw cycle. For long term storage it is recommended to add a carrier protein on reconstitution (0.1% HSA or BSA).

Information available upon request.

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

## 复溶

Reconstitute in sterile 18MO-cm H<sub>2</sub>O not less than 100µg/ml, which can then be further diluted to other aqueous solutions. Upon reconstitution ab73858 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

## 常规信息

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### 功能

IL-8 is a chemotactic factor that attracts neutrophils, basophils, and T-cells, but not monocytes. It is also involved in neutrophil activation. It is released from several cell types in response to an inflammatory stimulus. IL-8(6-77) has a 5-10-fold higher activity on neutrophil activation, IL-8(5-77) has increased activity on neutrophil activation and IL-8(7-77) has a higher affinity to receptors CXCR1 and CXCR2 as compared to IL-8(1-77), respectively.

### 序列相似性

Belongs to the intercrine alpha (chemokine CxC) family.

### 翻译后修饰

Several N-terminal processed forms are produced by proteolytic cleavage after secretion from at least peripheral blood monocytes, leukocytes and endothelial cells. In general, IL-8(1-77) is referred to as interleukin-8. IL-8(6-77) is the most prominent form.

### 细胞定位

Secreted.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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