

### Recombinant rat RANTES protein ab78608

#### 1 图像

#### 描述

<b>产品名称</b>	重组大鼠RANTES蛋白
<b>生物活性</b>	Biological Activity: ab78608 is fully biologically active when compared to standard. The activity is determined by the ability to chemoattract total human lymphocytes and mouse T-cells at a concentration between 1-10ng/ml.
<b>纯度</b>	> 95 % SDS-PAGE. Purity is greater than 97% as determined by RP-HPLC and reducing and non-reducing SDS-PAGE. Endotoxin level as measured by LAL is <0.01ng/ug or <0.1EU/ug.
<b>表达系统</b>	Escherichia coli
<b>蛋白长度</b>	Full length protein
<b>无动物成分</b>	No
<b>性质</b>	Recombinant
<b>种属</b>	Rat
<b>序列</b>	SPYGSDDTTPC CFAYLSLALP RAHVKEYFYT SSKCSNLAVV FVTRRRNRQVC ANPEKKWVQE YINYLEMS

#### 技术指标

Our **Abpromise guarantee** covers the use of **ab78608** in the following tested applications.

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

<b>应用</b>	SDS-PAGE
<b>形式</b>	Lyophilized

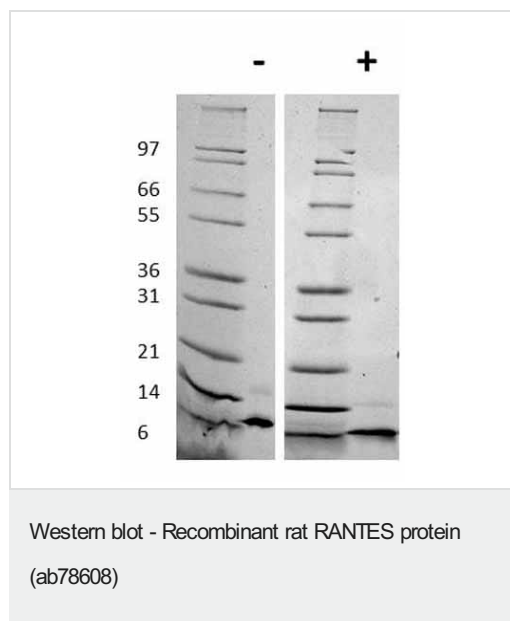
#### 制备和贮存

<b>稳定性和存储</b>	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.  This product is an active protein and may elicit a biological response in vivo, handle with caution.
<b>复溶</b>	Reconstitute with sterile water at a concentration of 0.1 mg/ml, which can be further diluted into other aqueous solutions. Reconstituted material should be aliquoted and frozen at -20C. It is recommended to add a carrier protein (0.1% HSA or BSA) for long term storage.

## 常规信息

<b>功能</b>	Chemoattractant for blood monocytes, memory T-helper cells and eosinophils. Causes the release of histamine from basophils and activates eosinophils. Binds to CCR1, CCR3, CCR4 and CCR5. One of the major HIV-suppressive factors produced by CD8+ T-cells. Recombinant RANTES protein induces a dose-dependent inhibition of different strains of HIV-1, HIV-2, and simian immunodeficiency virus (SIV). The processed form RANTES(3-68) acts as a natural chemotaxis inhibitor and is a more potent inhibitor of HIV-1-infection. The second processed form RANTES(4-68) exhibits reduced chemotactic and HIV-suppressive activity compared with RANTES(1-68) and RANTES(3-68) and is generated by an unidentified enzyme associated with monocytes and neutrophils.
<b>组织特异性</b>	T-cell and macrophage specific.
<b>序列相似性</b>	Belongs to the intercrine beta (chemokine CC) family.
<b>翻译后修饰</b>	N-terminal processed form RANTES(3-68) is produced by proteolytic cleavage, probably by DPP4, after secretion from peripheral blood leukocytes and cultured sarcoma cells. The identity of the O-linked saccharides at Ser-27 and Ser-28 are not reported in PubMed:1380064. They are assigned by similarity.
<b>细胞定位</b>	Secreted.

## 图片



ab78608 used in Western Blot. Figure: 1 ug in each lane (-) non-reducing conditions and (+) reducing conditions in a 4-20% Tris-Glycine gel stained with Coomassie Blue. Rat RANTES has a predicted MW of 7.8 kDa.

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

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