

### Recombinant human RANTES protein (Animal Free) ab217444

#### 描述

产品名称	重组人RANTES蛋白(Animal Free)
生物活性	Determined by its ability to chemoattract Human blood monocytes using a concentration range of 1.0-10.0 ng/ml.
纯度	> 98 % SDS-PAGE. > 98 % HPLC.
表达系统	Escherichia coli
Accession	<b><u>P13501</u></b>
蛋白长度	Full length protein
无动物成分	Yes
性质	Recombinant
种属	Human
序列	SPYSSDTPCCFAYIARPLPRAHIKEYFYTSGKCSNPAVVFV TRKNRQVC ANPEKKWVREYINSLEMS
预测分子量	8 kDa
氨基酸	24 to 91
额外的序列信息	This product is for the mature full length protein. The signal peptide is not included.

#### 技术指标

Our **Abpromise guarantee** covers the use of **ab217444** 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 HPLC SDS-PAGE
形式	Lyophilized

#### 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.
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**复溶** For lot specific reconstitution information please contact our Scientific Support Team.

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**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.

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

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