

# Recombinant mouse RANTES protein ab9916

## 1 References

<b>描述</b>	
产品名称	重组小鼠RANTES蛋白
纯度	> 98 % SDS-PAGE. Sterile filtered Greater than 98% pure by HPLC analyses. Endotoxin level is less than 0.1 ng per g (1EU/g).
表达系统	Escherichia coli
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Mouse
预测分子量	10 kDa
<b>技术指标</b>	
Our <b>Abpromise guarantee</b> covers the use of <b>ab9916</b> 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 SDS-PAGE
形式	Lyophilized
补充说明	The biological activity of this product is determined by its ability to chemoattract total human lymphocyte population and total murine T cell population using a concentration range of 1.0-10.0 ng/ml.
<b>制备和贮存</b>	
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.
复溶	For lot specific reconstitution information please contact our Scientific Support Team.
<b>常规信息</b>	

<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.

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

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