

Recombinant rat RANTES protein ab111466

描述

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| 产品名称 | 重组大鼠RANTES蛋白 |
| 生物活性 | Activity is determined by the ability to chemoattract total Human lymphocytes and Murine T-cells at a concentration between 1-10 ng/ml. |
| 纯度 | >= 97 % SDS-PAGE. Purity by SDS-PAGE and HPPLC is greater than 97%. |
| 内毒素水平 | < 1.000 Eu/μg |
| 表达系统 | Escherichia coli |
| Accession | <u>P50231</u> |
| 蛋白长度 | Full length protein |
| 无动物成分 | No |
| 性质 | Recombinant |
| 种属 | Rat |
| 预测分子量 | 8 kDa |
| 氨基酸 | 25 to 92 |

技术指标

Our **Abpromise guarantee** covers the use of **ab111466** in the following tested applications.

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

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| 应用 | SDS-PAGE HPLC |
| 形式 | Lyophilized |
| 补充说明 | This product is manufactured by BioVision, an Abcam company and was previously called 4323 RANTES, rat recombinant. 4323-100 is the same size as the 100 μg size of ab111466. |

制备和贮存

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| 稳定性和存储 | Shipped at 4°C. Store at -20°C. This product is an active protein and may elicit a biological response in vivo, handle with caution. |
| 复溶 | It is recommended to reconstitute the lyophilized product with sterile water at a concentration of 0.1 mg/ml, which can be further diluted into other aqueous solutions. |

常规信息

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| 功能 | 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. |
| 组织特异性 | T-cell and macrophage specific. |
| 序列相似性 | Belongs to the intercrine beta (chemokine CC) family. |
| 翻译后修饰 | 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. |
| 细胞定位 | Secreted. |

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

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