abcam

Product datasheet

Recombinant Human RANTES protein ab87758

1 图像

描述

产品名称	重组人RANTES蛋白
纯度	> 95 % SDS-PAGE. ab87758 is purified using conventional chromatography techniques.
表达系统	Escherichia coli
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	MSPYSSDTTP CCFAYIARPL PRAHIKEYFY TSGKCSNPAV VFVTRKNRQV CANPEKKWVR EYINSLEMS

技术指标

Our **Abpromise guarantee** covers the use of **ab87758** in the following tested applications.

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

应用	SDS-PAGE
形式	Liquid
补充说明	Endotoxin level: < 1.0 EU per 1 µg of protein (determined by LAL method).

制备和贮存

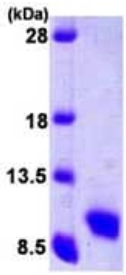
稳定性和存储	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. pH: 3.50 Constituents: 0.294% Sodium citrate, 10% Glycerol

常规信息

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.

图片



SDS-PAGE - Recombinant Human RANTES protein (ab87758)

15% SDS-PAGE analysis of 3µg ab87758

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

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