

Recombinant rat RANTES protein ab78608

画像数 1

製品の詳細

製品名	Recombinant rat RANTES protein
生理活性	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.
精製度	> 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.
発現系	Escherichia coli
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Rat
配列	SPYGSDTTTPC CFAYLSLALP RAHVKEYFYT SSKCSNLAVV FVTRRRNRQVC ANPEKKWVQE YINYLEMS

特性

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.

アプリケーション	SDS-PAGE
製品の状態	Lyophilized

前処理および保存

保存方法および安定性	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.
再構成	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.

関連情報

機能

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.

組織特異性

T-cell and macrophage specific.

配列類似性

Belongs to the intercrine beta (chemokine CC) family.

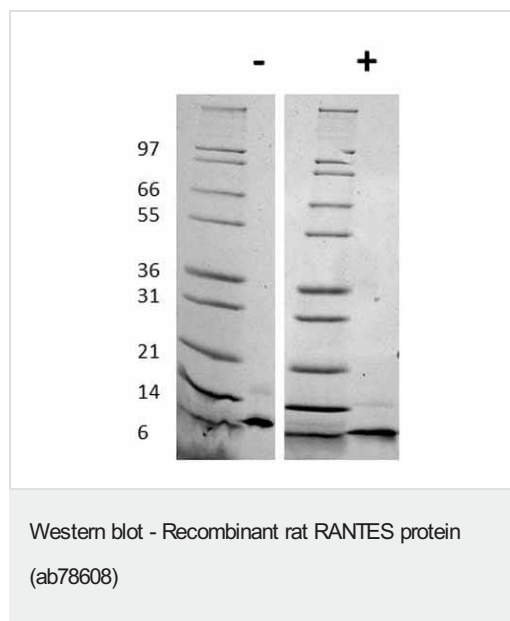
翻訳後修飾

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.

細胞内局在

Secreted.

画像



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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