

Product datasheet

Recombinant Human CCL4/MIP-1 beta protein (Fc Chimera) ab216244

Description

Product name	Recombinant Human CCL4/MIP-1 beta protein (Fc Chimera)	
Purity	≥ 98 % SDS-PAGE.	
Endotoxin level	< 0.060 Eu/μg	
Expression system	CHO cells	
Accession	P13236	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	APMGSDPPTACCFSTARKLPRNFVVDYYETSSLCSQPA VVFQTKRSKQV CADPSESWVQEYVDLELN	
Predicted molecular weight	8 kDa	
Amino acids	24 to 92	
Additional sequence information	Extracellular domain of Human CCL4 fused to the N-terminus of the Fc region of Human IgG1. This product is for the mature full length protein. The signal peptide is not included (AAI04227.1).	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab216244** in the following tested applications.

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

Applications	SDS-PAGE
Form	Lyophilized
Additional notes	This product was previously labelled as Macrophage Inflammatory Protein 1 beta, MIP1 beta

Preparation and Storage

Stability and Storage	Shipped at 4°C. Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle. Stable for 12 months at -20°C.
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Constituent: 100% PBS

Reconstitution

Reconstitute vial in 100µl sterile water. Add 1X PBS to the desired protein concentration.

General Info

Function

Monokine with inflammatory and chemokinetic properties. Binds to CCR5. One of the major HIV-suppressive factors produced by CD8+ T-cells. Recombinant MIP-1-beta induces a dose-dependent inhibition of different strains of HIV-1, HIV-2, and simian immunodeficiency virus (SIV). The processed form MIP-1-beta(3-69) retains the abilities to induce down-modulation of surface expression of the chemokine receptor CCR5 and to inhibit the CCR5-mediated entry of HIV-1 in T-cells. MIP-1-beta(3-69) is also a ligand for CCR1 and CCR2 isoform B.

Sequence similarities

Belongs to the intercrine beta (chemokine CC) family.

Post-translational modifications

N-terminal processed form MIP-1-beta(3-69) is produced by proteolytic cleavage after secretion from peripheral blood lymphocytes.

Cellular localization

Secreted.

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
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- We investigate all quality concerns to ensure our products perform to the highest standards

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