

Product datasheet

Recombinant human CCL14 protein ab73836

製品の概要

製品名	Recombinant human CCL14 protein
タンパク質長	Full length protein

製品の詳細

由来	Recombinant
由来	Escherichia coli

アミノ酸配列

生物種	Human
配列	TESSSRGPYHPSECCFTYTTYKIPRQRIMDYETNSQCSKPGIVFITKRG HSVCTNPSDKWVQDYIKDMKEN

分子量	8 kDa
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配列の追加情報	HCC-1 Human Recombinant produced in E.Coli is a single,non-glycosylated, polypeptide chain containing 72 amino acids and having a molecular mass of 8411 Dalton.
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特性

Our [Abpromise guarantee](#) covers the use of **ab73836** in the following tested applications.

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

生理活性	Biological Activity: The Biological activity is calculated by its ability to chemoattract Human monocytes at 5-20 ng/ml.
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アプリケーション	SDS-PAGE
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精製度	> 95 % SDS-PAGE. ab73836 is purified by proprietary chromatographic techniques. Purity is greater than 97.0% as determined by RP-HPLC and SDS-PAGE.
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製品の状態	Lyophilised
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前処理および保存

保存方法および安定性	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. Preservative: None Constituents: 20mM PBS, 150mM Sodium chloride, pH 7.4
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This product is an active protein and may elicit a biological response in vivo, handle with caution.

再構成 Reconstitute in sterile 18MO-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions. Upon reconstitution ab73836 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

関連情報

機能 Has weak activities on human monocytes and acts via receptors that also recognize MIP-1 alpha. It induced intracellular Ca(2+) changes and enzyme release, but no chemotaxis, at concentrations of 100-1,000 nM, and was inactive on T-lymphocytes, neutrophils, and eosinophil leukocytes. Enhances the proliferation of CD34 myeloid progenitor cells. The processed form HCC-1(9-74) is a chemotactic factor that attracts monocytes eosinophils, and T-cells and is a ligand for CCR1, CCR3 and CCR5.

組織特異性 Expressed constitutively in several normal tissues: spleen, liver, skeletal and heart muscle, gut, and bone marrow, present at high concentrations (1-80 nM) in plasma.

配列類似性 Belongs to the intercrine beta (chemokine CC) family.

翻訳後修飾 The N-terminal processed forms HCC-1(3-74), HCC-1(4-74) and HCC-1(9-74) are produced in small amounts by proteolytic cleavage after secretion in blood. HCC-1(1-74), but not HCC-1(3-74) and HCC-1(4-74), is partially O-glycosylated; the O-linked glycan consists of one Gal-GalNAc disaccharide, further modified by two N-acetylneuraminic acids.

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Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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