

Recombinant human G-CSF protein (Animal Free) ab218087

2 图像

描述

产品名称	重组人G-CSF蛋白(Animal Free)	
生物活性	NFS-60 cell proliferation. ED ₅₀ ≤50 pg/ml; ≥ 2 x 10 ⁷ units/mg (typical ED ₅₀ is 5-15 pg/ml).	
纯度	> 95 % SDS-PAGE. The purity of ab218087 is determined by Reducing and Non-reducing SDS-PAGE.	
内毒素水平	≤1.000 Eu/μg	
表达系统	Escherichia coli	
Accession	<u>P09919-2</u>	
蛋白长度	Protein fragment	
无动物成分	Yes	
性质	Recombinant	
种属	Human	
序列	MTPLGPASSLPQSFLKCLEQVRKIQGDGAALQEKLCA ^{TY} KL CHPEELVL LGHSLGIPWAPLSSCPSQALQLAGCLSQLHSGLFLYQGLLQA LEGISPEL GPTLDTLQLDVADFATTIWQQMEELGMAPALQPTQGAMPAFA SAFQRRAG GVLVASHLQSFLEVS ^{YR} VLRHLAQP	
预测分子量	19 kDa	
氨基酸	31 to 204	

技术指标

Our **Abpromise guarantee** covers the use of **ab218087** in the following tested applications.

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

应用	Functional Studies
	SDS-PAGE
形式	Lyophilized

制备和贮存

稳定性和存储

Shipped at 4°C. Store at -20°C. Avoid freeze / thaw cycle.

Constituent: 0.1% Trifluoroacetic acid

Lyophilised from a sterile (0.2 micron) filtered solution.

This product is an active protein and may elicit a biological response in vivo, handle with caution.

复溶

Reconstitute in sterile water at 0.1 mg/ml. Suspend the product by gently pipetting the above recommended solution down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution. For prolonged storage, dilute to working aliquots in a 0.1% BSA solution, store at -80 °C and avoid repeat freeze thaws.

常规信息

功能

Granulocyte/macrophage colony-stimulating factors are cytokines that act in hematopoiesis by controlling the production, differentiation, and function of 2 related white cell populations of the blood, the granulocytes and the monocytes-macrophages. This CSF induces granulocytes.

序列相似性

Belongs to the IL-6 superfamily.

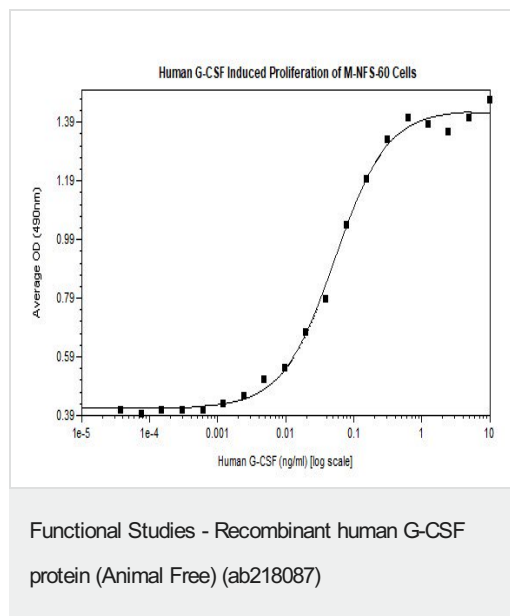
翻译后修饰

O-glycan consists of Gal-GalNAc disaccharide which can be modified with up to two sialic acid residues (done in recombinantly expressed G-CSF from CHO cells).

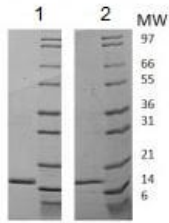
细胞定位

Secreted.

图片



Functional analysis of ab218087



SDS-PAGE - Recombinant human G-CSF protein
(Animal Free) (ab218087)

4-20% Tris-glycine SDS-PAGE analysis of 1 μ g ab218087.

Lane 1: Non-reducing conditions.

Lane 2: Reducing conditions.

Stained with Coomassie blue.

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

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