

Recombinant human G-CSF protein ab9692

描述

产品名称	重组人G-CSF蛋白
生物活性	The ED ₅₀ , determined by the dose-dependent stimulation of the proliferation of murine NSF-60 cells, is < 0.1 ng/ml, corresponding to a specific activity of > 1 x 10 ⁷ units/mg.
纯度	> 95 % SDS-PAGE. Sterile filtered Greater than 98% pure by SDS-PAGE and HPLC analyses.
内毒素水平	< 0.100 Eu/μg
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	Human G-CSF is a 18.7 kDa protein containing 174 amino acid residues: TPLGPASSLP QSFLLKCLEQ VRKIQGDGAA LQEKLCATYK LCHPEELVLL GHSLG IPWAPLSSCPSQALQ LAGCLSQLHS GLFLYQGLLQ ALEGISPELG P TLDTLQLDV ADFATTIWQQMEELGMAPAL QPTQGAMPAF ASAFQRRRA GG VLVASHLQSF LEVSYRVLRH LAQP

技术指标

Our **Abpromise guarantee** covers the use of **ab9692** 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
补充说明	The ED ₅₀ as determined by the dose-dependent stimulation of the proliferation of murine NFS-60 cells is ≤ 0.1 ng/ml, corresponding to a specific activity of ≥ 1 x 10 ⁷ units/mg.

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.
	This product is an active protein and may elicit a biological response in vivo, handle with caution.
复溶	For lot specific reconstitution information please contact our Scientific Support Team.

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.

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

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