

Product datasheet

Recombinant human G-CSF protein ab9692

製品の概要

製品名	Recombinant human G-CSF 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	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

特性

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.

生理活性	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.
アプリケーション	Functional Studies SDS-PAGE
エンドトキシン・レベル	< 0.100 Eu/μg
精製度	> 95 % SDS-PAGE. Sterile filtered Greater than 98% pure by SDS-PAGE and HPLC analyses.
製品の状態	Lyophilised
備考	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.

前処理および保存

保存方法および安定性

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.

n/a

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

関連情報

機能

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.

配列類似性

Belongs to the IL-6 superfamily.

翻訳後修飾

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).

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