

Recombinant rat G-CSF protein ab176083

製品の詳細

製品名	Recombinant rat G-CSF protein
生理活性	Determined by its ability to stimulate the proliferation of mouse NFS-60 cells. The expected ED ₅₀ is ≤ 0.05 ng/ml, corresponding to a specific activity of ≥ 2 x 10 ⁷ units/mg.
精製度	≥ 98 % SDS-PAGE.
エンドトキシン・レベル	< 0.100 Eu/μg
発現系	Escherichia coli
アクセッション番号	<u>NP_058800.1</u>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Rat
配列	MKKIPLLVSSLPSPPLPRSFLLKSLEQVRKIQRNTELE QLCATYKL CHPEELVLFHSLGIPKASLSSCSSQALQQTCLSQLHSGLF LYQGLLQA LAGISSELAPTLDMHLHDVDNFATTIWQMESLGVAPTVPQT QSTMPIFT SAFQRRAGGVLVTSYLQSFLETAHHLHHLPRPAQKHPESL FISI
予測される分子量	22 kDa
領域	22 to 214

特性

Our **Abpromise guarantee** covers the use of **ab176083** in the following tested applications.

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

アプリケーション	Functional Studies HPLC SDS-PAGE
製品の状態	Lyophilized

前処理および保存

保存方法および安定性

Shipped at 4°C. The lyophilized protein is stable for a few weeks at room temperature. Upon reconstitution add a carrier protein (0.1% BSA). Store at -20°C or -80°C. Avoid freeze / thaw cycle.

Constituent: 0.26% Sodium citrate

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

再構成

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. Do not vortex. This solution can be stored at 2-8°C for up to 1 week. For extended storage, it is recommended to further dilute in a buffer containing a carrier protein (example 0.1% BSA) and store in working aliquots at -20°C to -80°C.

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

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