Optimize Your Research

Recombinant Canine Granulocyte-Macrophage Colony Stimulating Factor protein

Code CD02425

Storage: This lyophilized preparation is stable at 2-8°C, but should be kept at -20°C for long term storage, preferably desiccated. Upon reconstitution, the preparation is stable for up to one week at 2-8°C. For maximal stability, apportion the reconstituted preparation into working aliquots and store at -20°C to -70°C. Avoid repeated freeze/thaw cycles.

Intended Use

This product is for research use only, not for use in diagnosis procedures. It is highly recommended to read this instruction entirely before the use.

Source

Escherichia coli.

Molecular Weight

Approximately 14.2 kDa, a single non-glycosylated polypeptide chain containing 127 amino acids.

Purity

> 95 % by SDS-PAGE and HPLC analyses.

Biological Activity

Fully biologically active when compared to standard. The ED50 as determined by a cell proliferation assay using human TF-1 cells is less than 5 ng/ml, corresponding to a specific activity of > 2.0 × 105 IU/mg.

Physical Appearance

Sterile Filtered White lyophilized (freeze-dried) powder.

Formulation

Lyophilized from a 0.2 μm filtered concentrated solution in PBS, pH 7.4.

Sequence

APTRSPTLVT RPSQHVDAIQ EALSLLNNSN DVTAVMNKAV KVVSEVFDPE GPTCLETRLQ LYKEGLQGSL TSLKNPLTMM ANHYKQHCPP TPESPCATQN INFKSFKENL KDFLFNIPFD CWKPVKK

Endotoxin

Less than 1 EU/μg of rCaGM-CSF as determined by LAL method.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 C. Further dilutions should be made in appropriate buffered solutions.

If you have any question on order please contact us via: order@bt-laboratory.com; technical assistance please contact us via: support@bt-laboratory.com More product visit www.bt-laboratory.com

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