



Mouse Colony Stimulating Factor 3 (DAG355)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Csf3 is a potent stimulator of bone marrow cells, especially those of neutrophil lineage. Murine Csf3 which was expressed in E. coli is a 19.0 kDa protein containing 179 amino acid residues.
Antigen Description	Granulocyte colony-stimulating factor (G-CSF or GCSF) is a colony-stimulating factor hormone. G-CSF is also known as colony-stimulating factor 3 (CSF 3). It is a glycoprotein, growth factor and cytokine produced by a number of different tissues to stimulate
Species	Mouse
Conjugate	Unconjugated
Applications	The ED ₅₀ as determined by the dose-dependent stimulation of the proliferation of murine M-NFS-60 cells is approximately 0.05 ng/ml, corresponding to a specific activity of approximately 2x10 ⁷ units/mg. Murine G-CSF is fully biologically active when compared to standards.
Format	Purified, Lyophilized. We recommend a quick spin followed by reconstitution in water to a concentration of 0.1-1.0 mg/ml. This solution can then be diluted into other aqueous buffers and stored (up to 1 week) at 2-8°C or -20°C for future use.
Concentration	Not determined.
Buffer	Lyophilized from 10 mM Sodium Citrate, pH 4.0.
Preservative	None
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction	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
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blood, the granulocytes and the monocytes-macrophages. This CSF induces granulocytes.

Keywords

CSF3; colony stimulating factor 3 (granulocyte); GCSF; CSF3OS; C17orf33; granulocyte colony-stimulating factor; filgrastim; lenograstim; pluripotin;
