



Human CSF3 peptide (DAG291)

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

PRODUCT INFORMATION

Product Overview	Recombinant Human CSF3 is a single, non-glycosylated polypeptide chain containing 175 amino acids and having a molecular weight of 18.8 kDa, the sequence of the first five N-terminal amino acids was determined to be Met-Thr-Pro-Leu-Gly. Contains less than 1%
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 t
Species	Human
Conjugate	Unconjugated
Applications	The ED ₅₀ calculated by the dose-dependent proliferation of murine NFS-60 indicator cells (measured by ³ H thymidine uptake) is and it; 0.1 ng/ml, corresponding to a specific activity of 1 x 10 ⁸ IU/mg. Each laboratory should determine an optimum working titer for
Format	Purified, Lyophilized. Reconstitute using sterile deionized water to a concentration 100 µg/ml. Further dilutions can be made in other aqueous buffers.
Concentration	1 mg/ml (OD _{280nm} , E _{0.1%} = 0.815) (prior to lyophilization).
Buffer	Lyophilized from 10 mM Sodium acetate buffer, 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; pluripoietin;

GENE INFORMATION

Entrez Gene ID

[1440](#)

UniProt ID

[P09919](#)
