

GCSF Purification Resin

Cat. No. GCSF-001A **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GCSF Purification resin is an affinity medium specifically designed for the purification of G-CSF targets from recombinant feed streams.
Cat.no	GCSF-001A
Characteristics	G-CSF (granulocyte-colony stimulating factor) is a hormone stimulating the bone marrow to produce more white blood cells. The features are below:1. Rigid agarose base matrix allows high flow rates and processing of large sample volumes for increased throughput2. Non-mammalian derived product reduces regulatory concerns in the production of G-CSF for clinical applications
Size	25 mL, 200 mL, 1L
Matrix	Highly cross-linked high-flow agarose
Average particle size	75 µm
Ligand	Recombinant protein (Mr 14 400), produced in <i>S. cerevisiae</i> , with affinity for the protein G-CSF
Ligand concentration	Approx. 7,5 mg/ml of medium
Dynamic binding capacity	Approx. 3.9 mg G-CSF/mL medium

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Recommended flow rate	600 cm/h
Chemical stability	The affinity ligand is immobilized on the agarose base matrix via stable amide bonds. Stable in commonly used aqueous buffers.
pH working range	3-10
pH CIP range	2-12
Temperature Stability	4°C to 30°C

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