



G-CSF Human, Recombinant, *E. coli*

Cat. No.: RCP9072 **Size:** 10µg

Synonym: GCSF; Granulocyte colony stimulating factor; filgrastim; lenograstim; pluripoiectin; Colony-stimulating factor 3.

Description: G-CSF is a growth factor and/or cytokine produced by the endothelium, macrophages and a number of other immune cells. G-CSF stimulates the bone marrow to produce granulocytes and also to stimulate the survival, proliferation, differentiation and function of neutrophil granulocyte progenitor cells and mature neutrophils.

RANDOX recombinant G-CSF comprises a 174 amino acid fragment (31-204) corresponding to the mature short form of the G-CSF protein and is expressed in *E. coli* with an amino-terminal hexahistidine tag. This product is for research use only and is not intended for diagnostic or therapeutic use.

Form: Liquid.
Supplied in 1x Laemmli Buffer (25mM Tris-HCl pH6.8, 50mM DTT, 1% (w/v) SDS, 0.1% (w/v) Bromophenol Blue, 2.5% Glycerol).

Purity: Single band on Western blot.

References: Nagata, S. (1989), *Bioessays* **10(4)** : 113-117.