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

**Cat. No.:**  RCP9072  
**Size:**  10µg

**Synonym:**  GCSF; Granulocyte colony stimulating factor; filgrastim; lenograstim; pluripoietin; 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 progenator 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.