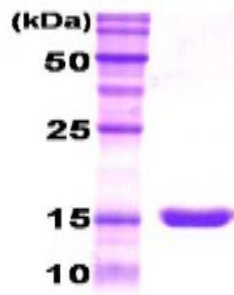


CSF3

Recombinant Human G-CSF/CSF3

Catalog No.	CSI15651A CSI15651B	Quantity:	50 µg 250 µg
Alternate Names:	C17orf33, CSF3OS, GCSF, MGC45931, granulocyte colony-stimulating factor, filgrastim, lenograstim, pluripoietin		
Description:	Human granulocyte colony-stimulating factor (hG-CSF) is one of the hematopoietic growth factors which plays an important role in stimulating proliferation, differentiation, and functional activation of blood cells. In addition to its effect on hematopoiesis, G-CSF also enhances neutrophil functions against bacteria, fungi, and tumor cells mediated by antibody-dependent cell-mediated cytotoxicity. Recombinant hG-CSF was expressed in <i>E.coli</i> and purified by FPLC gel-filtration chromatography, after refolding of the isolated inclusion bodies in a renaturation buffer.		
Concentration:	1 mg/ml (determined by Bradford assay)		
GeneID:	1440		
Protein Accession No:	NP_757373		
Source:	<i>E. coli</i>		
Molecular Weight:	18.8kDa (175aa), confirmed by MALDI-TOF.		
Formulation:	Liquid. In phosphate-buffered Saline(PBS), pH7.4		
Purity:	> 95% by SDS - PAGE		
Endotoxin Level:	< 1.0 EU per 1 microgram of protein (determined by LAL method)		
Biological Activity:	The proliferative activity of rhG-CSF is tested in culture using mouse bone marrow cells.		
Amino Acid Sequence:	MTPLGPASSL PQSFLKCLE QVRKIQGDGA ALQEKLCATY KLCHPEELVL LGHSLGIPWA PLSSCPSQAL QLAGCLSQLH SGLFLYQGLL QALEGISPEL GPTLDTLQLD VADFATTIWQ QMEELGMAPA LQPTQGAMPA FASAFQRRAG GVLVASHLQS FLEVSRYRLR HLAQP		
Application:	SDS-PAGE		
Storage & Stability:	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -80°C. Avoid repeated freezing and thawing cycles.		





15% SDS-PAGE (3ug)

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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