

Datasheet for ABIN1000919

G-CSF Protein (AA 31-204) (His tag)[Go to Product page](#)

Overview

Quantity:	10 µg
Target:	G-CSF (CSF3)
Protein Characteristics:	AA 31-204
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This G-CSF protein is labelled with His tag.
Application:	Western Blotting (WB), Control (Ct)

Product Details

Purpose:	Granulocyte Colony Stimulating Factor (G-CSF) (Western Blot Control)
Characteristics:	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.
Purity:	> 95 %

Target Details

Target:	G-CSF (CSF3)
Alternative Name:	Granulocyte Colony Stimulating Factor (CSF3 Products)
Background:	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

Target Details

and also to stimulate the survival, proliferation, differentiation and function of neutrophil granulocyte progenitor cells and mature neutrophils.,GCSF, Granulocyte colony stimulating factor, filgrastim, lenograstim, pluripoietin, Colony-stimulating factor 3.

Molecular Weight: 23.19 kDa

UniProt: [P09919-2](#)

Pathways: [Cellular Response to Molecule of Bacterial Origin, Regulation of Actin Filament Polymerization](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Supplied in 1x Laemmli Buffer (25 mM Tris-HCl pH 6.8, 50 mM DTT, 1 % (w/v) SDS, 0.1 % (w/v) Bromophenol Blue, 2.5 % Glycerol).

Preservative: Dithiothreitol (DTT)

Precaution of Use: This product contains Dithiothreitol (DTT): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20 °C