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G-CSF Protein (AA 30-204)



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Quantity:	100 μg
Target:	G-CSF (CSF3)
Protein Characteristics:	AA 30-204
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

Product Details

Sequence:	Ala30-Pro204
Characteristics:	A DNA sequence encoding the Human G-CSF/CSF3 Protein(P09919)(Ala30-Pro204)was expressed with a polyhistidine tag at the N-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.

Target Details	
Target:	G-CSF (CSF3)
Alternative Name:	G-CSF (CSF3 Products)
Background:	Abbreviation: G-CSF,CSF3
	Target Synonym: Granulocyte colony-stimulating factor,G-
	CSF,Pluripoietin,Filgrastim,Lenograstim,C17orf33,GCSF
	Background: Granulocyte/macrophage colony-stimulating factors are cytokines that act in
	hematopoiesis by controlling the production, differentiation, and function of 2 related white cell

Target Details

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	populations of the blood, the granulocytes and the monocytes-macrophages. This CSF induces granulocytes.
Molecular Weight:	Calculated MW: 18.7 kDa Observed MW: 19 kDa
UniProt:	P09919
Pathways:	Cellular Response to Molecule of Bacterial Origin, Regulation of Actin Filament Polymerization
Application Details	
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4., 5 % trehalose, 5 % mannitol, 0.01 % tween-80. Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	12 months