



上海源叶生物科技有限公司
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Recombinant Human G-CSF Protein

产品名称	Recombinant Human G-CSF Protein
别名	重组人G-CSF蛋白 重组人粒细胞集落刺激因子
英文别名	C17orf33 chromosome 17 open reading frame 33 colony stimulating factor 3 (granulocyte) CSF3 CSF3OS Filgrastim G-CSF G-CSF GCSFlenograstim granulocyte colony-stimulating factor Lenograstim MGC45931 Pluripoietin
规格或纯度	无动物源,无载体,生物活性,ActiBioPure™,高性能,His标签,≥95%(SDS-PAGE)
生化机理	Granulocyte/macrophage colony-stimulating factors are cytokines that act in hematopoiesis by controlling the production, differentiation, and function of 2 related white cell populations of the blood, the granulocytes and the monocytes-macrophages. This CSF induces granulocytes. Post-translational: O-glycan consists of Gal-GalNAc disaccharide which can be modified with up to two sialic acid residues (done in recombinantly expressed G-CSF from CHO cells).
生物活性	Measured in a cell proliferation assay using NFS- 60 mouse myelogenous leukemia lymphoblast cells. The ED50 for this effect is 1.05 pg/mL.
内毒素水平	<0.1 EU/μg
表达系统	HEK293
种属	人(Human)
氨基酸	1-204 aa
序列	MAGPATQSPMKLMALQLLLWHSALWTVQEATPLGPASSLPQSFLKCL EQVRKIQGDGAALQEKLCATYKLCHPEELVLLGHSLGIPWAPLSSCPSQ ALQLAGCLSQLHSGFLFYQGLLQALEGISPELGPTLDTLQLDVADFATTI WQQMEELGMAPALQPTQGAMPAFASAFQRRAGGVLVASHLQSFLEVS YRVLRLHLAQPHHHHHH
纯度	≥95% (SDS-PAGE)
蛋白标签	C-His
蛋白长度	Protein fragment
无载体	Yes
无动物源	Yes
Accession #	P09919-2
来源	重组表达



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预测分子量	23 kDa
SDS-PAGE	17.5 kDa, under reducing conditions; 17.5 kDa, under non-reducing conditions.
分子类型	蛋白质

储存与运输

物理形态	冻干(Lyophilized)
储存缓冲液	Lyophilized from 10mM PBS, 5% trehalose, 5% mannitol, pH7.4.
复溶	Reconstitute in sterile water to a concentration of 0.1-0.5 mg/ml.
储存条件	-20°C储存,避免反复冻融
运输条件	超低温运输
稳定性与储存	在 -20~-80°C 下可保存 1 年以上。收货后建议分装。避免冷冻/解冻循环。