



Human Granulocyte Colony Stimulating Factor Mutant

(hG-CSFa)

Catalog Number: 01-0002

Description	G-CSFa is the mutant of wild-type recombinant protein. Four amino acid residues (Met, Arg, Gly, and Ser) were added to the N-terminal of the original sequence. Compared with wild-type G-CSF, G-CSFa is a protein with higher yields, higher activity, longer half-life and higher stability. More information about G-CSF is available on 01-0001 G-CSF
Synonyms	CSF-3, MGI-1G, GM-CSF beta, Pluripoietin, Filgrastim, Lenograstim, G-CSF, MGC45931, GCSF, CSF3OS; C17orf33
AA sequence	MRGSTPLGPASSLPQSFLKALEQVRKIQQDGAALQEKLKATYKLCHEPELVLLGHSLGIPWAPLSSCP SQALQLAGCLSQLHSGFLYQGLLQALEGISPELGPTLDTLQLDVADFATTIWQQMEELGMA PALQPTQGAMPAFASAFQRRAGGVLVASHLQSFLEVSRYRVLRLHLAQP
Source	<i>Escherichia coli</i>
Molecular Weight	Approximately 19.1 kDa, a single non-glycosylated polypeptide chain containing 178 amino acids.
Purity	>98% by SDS-PAGE
Physical Appearance	White lyophilized powder or solution
Formulation	Lyophilized from a 0.2 μ m filtered concentrated solution with 10mM NaAc, 5% Mannitol, pH 4.2
Reconstitution	Reconstitute in sterile distilled water containing 0.1% BSA to a concentration of 0.1-1.0mg/ml.
storage	Store at -20 °C after receiving. Upon reconstitution, store at 2-8 °C for up to one month. For maximal stability, aliquot and store at -20 °C. Avoid repeated freeze/ thaw cycles.
PRICE	RMB 1598 /10 μ g; RMB 6392 /50 μ g
Usage	*This product is for research use only.