



Recombinant Human Granulocyte colony-stimulating factor (CSF3)

Product Code	CSB-EP006049HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P09919
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	A TPLGPASSLP QSFLKCLEQ VRKIQGDGAA LQEKLVSECA TYKLCHPEEL VLLGHSGLGIP WAPLSSCPSQ ALQLAGCLSQ LHSGLFLYQG LLQALEGISP ELGPTLDTLQ LDVADFATTI WQQMEELGMA PALQPTQGAM PAFASAFQRR AGGVLVASHL QSFLEVSYRV LRHLAQP
Source	E.coli
Target Names	CSF3
Protein Names	Recommended name: Granulocyte colony-stimulating factor Short name= G-CSF Alternative name(s): Pluripoietin INN= Filgrastim INN= Lenograstim
Expression Region	30-207
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	This protein is a cytokine that controls the production, differentiation, and function of granulocytes. The active protein is found extracellularly. Three transcript variants encoding three different isoforms have been found for this gene.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.