

G-CSF (CSF3) Recombinant Protein | G-CSF recombinant protein

Recombinant Rat G-CSF (CSF3)

CATALOG #
AAA214343

HOST
E Coli

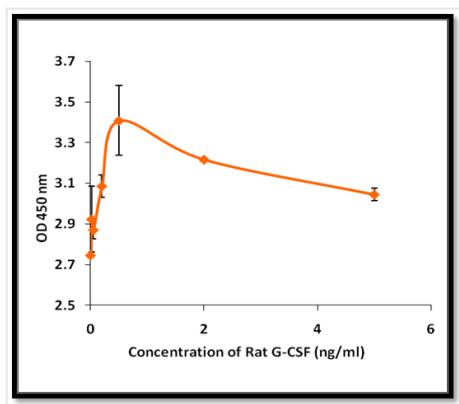
PRODUCT SYNONYMS

G-CSF (CSF3); Recombinant Rat G-CSF (CSF3); Granulocyte colony-stimulating factor; G-CSF recombinant protein

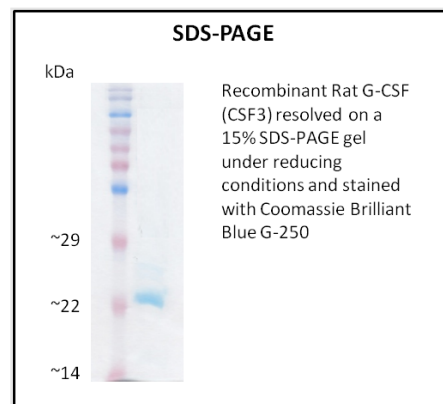
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>95% as determined by SDS-PAGE
Form/Format	Lyophilized from a 0.2 um filtered solution in PBS
Sequence Length	214
Endotoxin Level	<1.0 EU/ug of recombinant protein as determined by the LAL method
Reconstitution	A quick spin of the vial followed by reconstitution in distilled water to a concentration not less than 0.1 mg/mL. This solution can then be diluted into other buffers.
Preparation and Storage	The lyophilized protein is stable for at least one year from date of receipt at -70 degree C. Upon reconstitution, this cytokine can be stored in working aliquots at 2-8 degree C for one month, or at -20 degree C for six months, with a carrier protein without detectable loss of activity. Avoid repeated freeze/thaw cycles.

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for G-CSF recombinant protein

G-CSF is secreted by monocytes, macrophages, and neutrophils after cell activation. It is produced also by stromal cells, fibroblasts, endothelial cells, epithelial carcinomas, acute myeloid leukemia cells, and various tumor cell lines. The synthesis of G-CSF can be induced by bacterial endotoxins, TNF, IL1 and GM-CSF. Comparison of the primary sequence of G-CSF with those of the two other colony stimulating factors, GM-CSF and M-CSF, shows that the three factors are not related to each other. G-CSF stimulates the proliferation and differentiation of hematopoietic progenitor cells committed to the neutrophils and granulocytes lineage in a dose-dependent manner. G-CSF synergises with some other cytokines, including GM-CSF and IL4.

NCBI AND UNIPROT INFORMATION

NCBI GI #	81908538
UniProt Accession #	P97712
Molecular Weight	21.8 kDa
NCBI Official Full Name	Granulocyte colony stimulating factor
UniProt Protein Name	Granulocyte colony stimulating factor
UniProt Gene Name	Csf3
UniProt Entry Name	P97712_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/csf3-recombinant-protein-e-coli/214343>