

Granulocyte-macrophage colony-stimulating factor (CSF2) Recombinant Protein | CSF2 recombinant protein

Recombinant Bovine Granulocyte-macrophage colony-stimulating factor (CSF2)

CATALOG #
AAA113630

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Granulocyte-macrophage colony-stimulating factor (CSF2); Recombinant Bovine Granulocyte-macrophage colony-stimulating factor (CSF2); CSF2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	18-143. Full Length of Mature Protein
Sequence	APTRPPNTAT RPWQHVDIAK EALLLNHSS DTDVMNDTE VVSEKFDSQE PTCLQTRLKL YKNGLQGS LT SLMGSLTMM THYEKHCPT PETSCGTQFI SFKNFKEDLK EFLFIIPFDC WEPAQK
Species	Bovine
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for CSF2 recombinant protein

This protein is a cytokine that controls the production, differentiation, and function of granulocytes and macrophages. The active form of the protein is found extracellularly as a homodimer. This gene has been localized to a cluster of related genes at chromosome region 5q31, which is known to be associated with interstitial deletions in the 5q- syndrome and acute myelogenous leukemia. Other genes in the cluster include those encoding interleukins 4, 5, and 13.

NCBI AND UNIPROT INFORMATION

NCBI GI #	27806681
NCBI GeneID	281095
NCBI Accession #	NP_776452.1
NCBI GenBank Nucleotide #	NM_174027.2
UniProt Accession #	P11052
Molecular Weight	16,157 Da
NCBI Official Full Name	granulocyte-macrophage colony-stimulating factor
NCBI Official Synonym Full Names	colony stimulating factor 2
NCBI Official Symbol	CSF2
NCBI Official Synonym Symbols	CSF; GMCSF; GM-CSF

NCBI Protein Information	granulocyte-macrophage colony-stimulating factor
UniProt Protein Name	Granulocyte-macrophage colony-stimulating factor
UniProt Gene Name	CSF2
UniProt Synonym Gene Names	GM-CSF; CSF

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/csf2-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113630>