

PRODUCT INFORMATION

Target	CSF
Synonyms	CSF;GMCSF
Description	Recombinant human CSF protein with C-terminal human Fc tag
Delivery	Under development
Uniprot ID	P04141
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	CSF(Ala18-Glu144) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 49.5 kDa after removal of the signal peptide.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage & Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	The protein encoded by this gene 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. [provided by RefSeq, Jul 2008]
Usage	Research use only

