

Recombinant Human CSF2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CSF2-2419H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CSF2 MS Standard C13 and N15-labeled recombinant protein (NP_000749) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	16.3 kDa
AA Sequence	MWLQSLLLLGTVACISAPARSPSPSTQPWEHVNAIQEARRLLNLSRDTAEMNETV EVISEMFDLQEPTCLQTRLELYKQGLRGS�TKLKGPLTMMASHYKQHCPPTPETSC ATQIITFESFKENLKDPELLVIPFDCWEPVQETRTRPLEQKLISEEDLAANDILDYKDDD DKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

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conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name CSF2 colony stimulating factor 2 [Homo sapiens (human)]

Official Symbol CSF2

Synonyms CSF2; colony stimulating factor 2 (granulocyte-macrophage); granulocyte-macrophage colony-stimulating factor; GM CSF; GMCSF; granulocyte macrophage colony stimulating factor; molgramostin; sargramostim; CSF; colony-stimulating factor; granulocyte-macrophage colony stimulating factor; MGC131935; MGC138897;

Gene ID 1437

mRNA Refseq NM_000758

Protein Refseq NP_000749

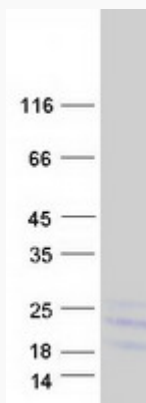
MIM 138960

UniProt ID P04141

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SDS-PAGE

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