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32-7611: Recombinant Mouse M-CSF/CSF1 (C-6His)

Gene : Csf1
Gene ID : 12977
Uniprot ID : P07141

Description

Source: Human Cells.
MW :27kD.
Recombinant Mouse Macrophage colony-stimulating factor 1 is produced by our Mammalian expression system and the target gene encoding Lys33-Glu262 is expressed with a 6His tag at the C-terminus. Macrophage colony-stimulating factor 1(M-csf)is a single-pass type I membrane protein . It is a hematopoietic growth factor that is involved in the proliferation, differentiation, and survival of monocytes, macrophages, and bone marrow progenitor cells. M-CSF affects macrophages and monocytes in several ways, including stimulating increased phagocytic and chemotactic activity, and increased tumour cell cytotoxicity. The role of M-CSF is not only restricted to the monocyte/macrophage cell lineage. By interacting with its membrane receptor, M-CSF also modulates the proliferation of earlier hematopoietic progenitors and influence numerous physiological processes involved in immunology, metabolism, fertility and pregnancy.

Product Info

Amount :	10 µg / 50 µg
Content :	Lyophilized from a 0.2 µm filtered solution of PBS,pH7.4.
Storage condition :	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid :	KEVSEHCSHMIGNGHLKVLQQLIDSQMETSCQIAFEFVDQEQLDDPVCYLKKAFFLVQDIIDETMRFKDNTPNA NATERLQELSNNLNSCFTKDYEEQNKACVRTFHETPLQLLEKIKNFFNETKNLLEKDWNIFTKNCNNSFAKCSSR DVVTKPDCNCLYPKATPSSDPASASPHQPPAPSMAPLAGLAWDDSQRTEGSSLLPSELPLRIEDPGSAKQRPPR STCQTLEVDHHHHHH

Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 ÃÂµg/ml. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Endotoxin : Less than 0.1 ng/ÃÂµg (1 IEU/ÃÂµg) as determined by LAL test.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.