

## Product Datasheet

### RecombinantM-CSF,Mouse (orb1494683)

<b>Description</b>	Macrophage-Colony Stimulating Factor (M-CSF), also known as Colony Stimulating Factor-1 (CSF-1), can stimulate the survival, proliferation and differentiation of mononuclear phagocytes, in addition to the spreading and motility of macrophages[1]. M-CSF is mainly produced by monocytes, macrophages, fibroblasts, and endothelial cells[2]. M-CSF interaction with its receptor, c-fms, has been implicated in the growth, invasion, and metastasis of several diseases, including breast and endometrial cancers [1][3][4] .
<b>Endotoxins</b>	< 0.2 EU/μg, determined by LAL method.
<b>Preservatives</b>	Lyophilized after extensive dialysis against PBS.
<b>Form/Appearance</b>	Lyophilized after extensive dialysis against PBS.
<b>Storage</b>	Lyophilized recombinant murine Macrophage-Colony Stimulating Factor (M-CSF) remains stable up to 6 months at -80°C from date of receipt. Upon reconstitution, rmM-CSF should be stable up to 1 week at 4°C or up to 2 months at -20°C.
<b>Note</b>	For research use only
<b>Application notes</b>	Reconstituted in ddH2O or PBS at 100 μg/ml.
<b>Protein Sequence</b>	KEVSEHC SHMIGNGHLKVLQQLIDSQMETSCQIAFEFVDQEQLDDPVCYLKKAFFLVQDIID ETMRFKDNTPNANATERL QELSNLNLSCFTKDYEEQNKACVRTFHETPLQLLEKIKNFFNETKNLLEKDOWNIFTKNCNNS FAKCSSRDVVTKP
<b>Purity</b>	> 95% as analyzed by SDS-PAGE and HPLC.
<b>Source</b>	CHO
<b>MW</b>	35-44 kDa, observed by non-reducing SDS-PAGE.
<b>Expiration Date</b>	6 months from date of receipt.

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