

Recombinant Mouse M-CSF Protein,His Tag

产品信息

产品名称	产品编号	规格
Recombinant Mouse M-CSF Protein,His Tag	91114ES10	10 µg
	91114ES60	100 µg
	91114ES80	1 mg

产品简介

Monocyte colony-stimulating factor (M-CSF) is a macrophage lineage-specific growth factor. M-CSF Induces vascular endothelial growth factor production and angiogenic activity from human monocytes. Whatmore, M-CSF and GM-CSF are mediators involved in regulating the numbers and function of macrophage lineage populations and have been shown to contribute to macrophage heterogeneity.

性能参数

Synonyms	CSF-1, MGI-IM, MCSF, M-CSF, MGC31930
Uniprot No.	Q3U4F9
Source	Recombinant Mouse M-CSF is expressed from Yeast with N-His. It contains Lys33-Glu262.
Molecular Weight	The recombinant mouse CSF1 comprises 230 amino acids and has a predicted molecular mass of 26 kDa. The apparent molecular mass of the protein is approximately 30 kDa in SDS-PAGE under reducing conditions due to glycosylation
Purity	> 95% as determined by SDS-PAGE.
Endotoxin	<1.0 EU per 1µg of the protein by the LAL method.
Formulation	Lyophilized from a 0.2 µm filtered concentrated solution in PBS, pH 7.4,with 1%BSA.
Reconstitution	<ol style="list-style-type: none"> 1. We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile PBS, pH 7.4, with 0.1% BSA to a concentration of 0.1-1.0 mg/mL. 2. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. 3. Further dilutions should be made in PBS, which must contain carrier proteins, such as 0.1% BSA, 10% FBS, 5% HSA, 5% trehalose, one of four options.

储存条件

The product should be stored at -25~-15°C for 1 year from date of receipt.

2-7 days, 2~8 °C under sterile conditions after reconstitution.

3 months, -25~-15°C under sterile conditions after reconstitution.

Recommend to aliquot the protein into smaller quantities when first used and avoid repeated freeze-thaw cycles.

注意事项

1. Please operate with lab coats and disposable gloves, for your safety.

2. This product is for research use only.

产品数据

SDS-PAGE

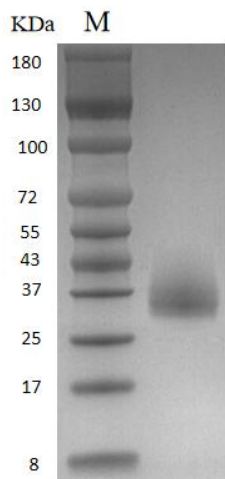


Figure 1. Mouse M-CSF on SDS-PAGE under reduced condition. The purity is greater than 95%.

Biological Activity

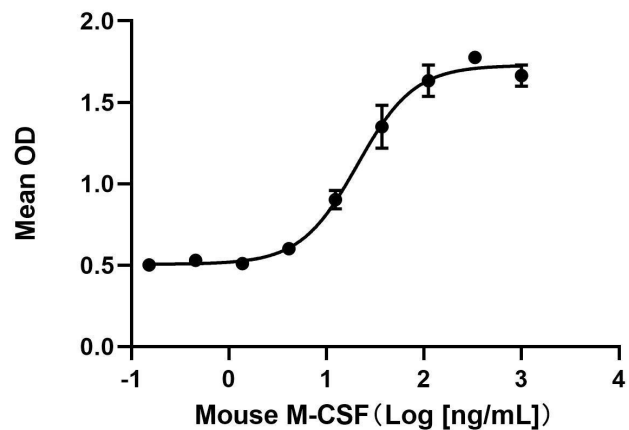


Figure 2. Measured in a cell proliferation assay using M-NFS-60 mouse myelogenous leukemia lymphoblast cells. The ED50 for this effect is typically 16.74 -25.83 ng/ml.