

## Product datasheet for **TP727308**

### Csf2 Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Mouse GM-CSF/CSF2
Species:	Mouse
Expression cDNA Clone or AA Sequence:	Ala18-Lys141
Buffer:	Lyophilized from a 0.2 um filtered solution of 20mM Tris-HCl, 1mM EDTA, Ph8.0.
Note:	Recombinant Mouse Granulocyte-Macrophage Colony-Stimulating Factor is produced by our E.coli expression system and the target gene encoding Ala18-Lys141 is expressed.
Stability:	12 months from date of despatch
Locus ID:	12981
UniProt ID:	<a href="#">P01587</a>
Summary:	Granulocyte-Macrophage Colony Stimulating Factor (GM-CSF) was initially characterized as a growth factor that can support the in vitro colony formation of granulocyte-macrophage progenitors. It is produced by a number of different cell types (including activated T cells, B cells, macrophages, mast cells, endothelial cells and fibroblasts) in response to cytokine of immune and inflammatory stimuli. Besides granulocyte-macrophage progenitors, GM-CSF is also a growth factor for erythroid, megakaryocyte and eosinophil progenitors. On mature hematopoietic, monocytes/ macrophages and eosinophils. GM-CSF has a functional role on nonhematopoietic cells. It can induce human endothelial cells to migrate and proliferate. Additionally, GM-CSF can also stimulate the proliferation of a number of tumor cell lines, including osteogenic sarcoma, carcinoma and adenocarcinoma cell lines.



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