

Bioactive

## Csf2 (Mouse) Recombinant Protein

Catalog # P4355

Size 20 ug

### Specification

Product Description	Mouse Csf2 (P01587, 18 a.a. - 141 a.a.) partial recombinant protein expressed in <i>Escherichia coli</i> .
Sequence	APTRSPITVTRPWKHVEAIKEALNLLDDMPVTLNEEVEVVSNEFSFKKLTVCVQTRLKIFEQGLRGN FTKLKGALNMTASYQTYCPPTPETDCETQVTTYADFIDSLKTFLTDIPFECKKPGQK
Host	Escherichia coli
Theoretical MW (kDa)	14
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Purification	Ion exchange column and HPLC reverse phase column
Purity	> 90% by SDS-PAGE and HPLC
Endotoxin Level	Endotoxin content was assayed using a LAL gel clot method. Endotoxin level was found to be less than 0.1 ng/ug (1EU/ug).
Activity	The ED <sub>50</sub> was determined by the dose-dependent stimulation of the proliferation of murine FDC-P1 cells is ≤ 0.1 ng/mL, corresponding to a specific activity of ≥ 3 x 10 <sup>6</sup> units/mg.
Storage Buffer	Lyophilized from PBS, pH 7.0.
Storage Instruction	Store at -20°C on dry atmosphere for 2 years. After reconstitution with deionized water, store at 4°C for 1 month or store at -20°C for 6 months. Aliquot to avoid repeated freezing and thawing.

### Applications

- Functional Study
- SDS-PAGE

## Gene Info — Csf2

Entrez GeneID	<a href="#">12981</a>
Protein Accession#	<a href="#">P01587</a>
Gene Name	Csf2
Gene Alias	Csfgm, Gm-CSf, MGC151255, MGC151257, MGI-IGM
Gene Description	colony stimulating factor 2 (granulocyte-macrophage)
Gene Ontology	<a href="#">Hyperlink</a>
Other Designations	OTTMUSP00000005830 colony stimulating factor 2 granulocyte-macrophage colony stimulating factor 2 put. GM-CSF