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 *Escherichia coli*.
Sequence	APTRSPITVTRPWKHVEAIKEALNLLDDMPVTLNEEVEVVSNEFSFKKLTCVQTRLKIFEQGLRGN FTKLKGALNMTASYYQTYCPPTPETDCETQVTTYADFIDSLKTFLTDIPFECKKPGQK
Host	Escherichia coli
Theoretical MW (kDa)	14
Form	Lyophilized
Preparation Method	*Escherichia coli* 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 th an 0.1 ng/ug (1EU/ug).
Activity	The ED_{50} 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 10^6 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 f or 1 month or store at -20°C for 6 months. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- SDS-PAGE

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Gene Info — Csf2

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

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