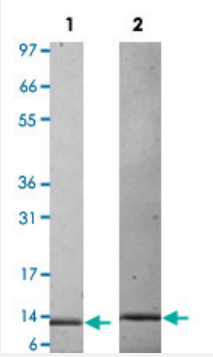
Bioactive

Csf2 (Mouse) Recombinant Protein

Catalog # P4595 Size 20 ug

Applications



Lane 1: non-reducing conditions
Lane 2: reducing conditions

Result of activity analysis

Result of activity analysis

Serial dilutions of mouse Csf2, starting at 10 ng/mL, were added to FDCP-1 cells. After 91 hours, cell proliferation was measured and the linear portion of the curve was us used to calculate the ED50.

Specification

Product Description	Mouse Csf2 (P01587) recombinant protein expressed in *Escherichia coli*.
Sequence	MAPTRSPITVTRPWKHVEAIKEALNLLDDMPVTLNEEVEVVSNEFSFKKLTCVQTRLKIFEQGLRG NFTKLKGALNMTASYYQTYCPPTPETDCETQVTTYADFIDSLKTFLTDIPFECKKPVQK
Host	Escherichia coli
Theoretical MW (kDa)	14.3
Form	Lyophilized
Preparation Method	*Escherichia coli* expression system
Endotoxin Level	< 0.1 EU/ug

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Activity	The activity is determined by the dose-dependent proliferation of mouse FDC-P1 cell line. The expected ED_{50} for this effect is 3-5 pg/mL.
Quality Control Testing	1 ug/lane in 4-20% Tris-Glycine gel Stained with Coomassie Blue Lane 1: non-reducing conditions Lane 2: reducing conditions
Storage Buffer	Lyophilized with 10 mM acetic acid.
Storage Instruction	Store at -20°C on dry atmosphere. After reconstitution with sterilized water, store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	Result of activity analysis Result of activity analysis Serial dilutions of mouse Csf2, starting at 10 ng/mL, were added to FDCP-1 cells. After 91 hours, cell proliferation was measured and the linear portion of the curve was us used to calculate the ED50.

Applications

- Functional Study
- SDS-PAGE

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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