

Bioactive

Csf2 (Rat) Recombinant Protein

Catalog # P8745

Size 20 ug

Specification

Product Description	Rat Csf2 recombinant protein expressed in <i>Escherichia coli</i> .
Sequence	MAPTRSPNPVTRPWKHVDAIKEALSLLNDMRALENEKNEDVDIISNEFSIQRPTCVQTRLKLYKQG LRGNLTKLNGALTMASHYQTNCPPTPETDCEIEVTTTFEDFIKNLKGFLFDIPFDCWKPVQK
Host	Escherichia coli
Theoretical MW (kDa)	14.6
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Purification	chromatographic
Purity	> 96% as determined by (a) RP-HPLC.(b) SDS-PAGE.
Activity	ED ₅₀ < 0.01 ng/mL, measured by the dose-dependant stimulation of the proliferation of murine FDC-P1 cell line, corresponding to a specific activity of 1.0 x 10 ⁸ IU/mg.
Storage Buffer	Protein was lyophilized with no additives. Reconstitute the lyophilized powder in ddH ₂ O to 100 ug/mL.
Storage Instruction	Lyophilized protein at room temperature for 3 weeks, should be stored at -20°C. Protein aliquots at 4 °C for 2-7 days and should be stored at -20°C to -80°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid repeated freeze/thaw cycles.

Applications

- Functional Study

Gene Info — Csf2

Entrez GeneID	116630
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Protein Accession#	P48750
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Gene Name	Csf2
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Gene Alias	Gm-csf, Gmcsf
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Gene Description	colony stimulating factor 2 (granulocyte-macrophage)
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Gene Ontology	Hyperlink
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Other Designations	colony stimulating factor 2
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