

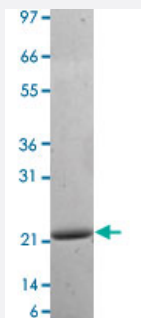
Bioactive

Csf3 (Mouse) Recombinant Protein

Catalog # P4594

Size 10 ug

Applications



Result of activity analysis

Result of activity analysis

Serial dilutions of mouse Csf3, starting at 10 ng/mL, were added to NFS-60 cells. After 69 hours, cell proliferation was measured and the linear portion of the curve was used to calculate the ED50.

Specification

Product Description	Mouse Csf3 (P09920) recombinant protein expressed in <i>Escherichia coli</i> .
Sequence	MVPLVTVSALPPSLPLPRSFLKLSLEQVRKIQASGSVLLEQLCATYKLCHPEELVLLGHSLGIPKASLSGCSSQALQQTQCLSQLHSGLCCLYQGILLQALSGISPALAPTLDLLQLDVANFATTIWQQMENLGVAPTVQPTQSAMPAFTSAFQRRAGGVLAISYLQGFLETARLALHHLA
Host	<i>Escherichia coli</i>
Theoretical MW (kDa)	19
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system

Endotoxin Level	< 0.1 EU/ug
Activity	The activity is determined by the dose-dependent proliferation of mouse M-NFS-60 cells. The expected ED ₅₀ for this effect is 8-12 pg/mL.
Quality Control Testing	1 ug/lane in 4-20% Tris-Glycine gel Stained with Coomassie Blue
Storage Buffer	No additive
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 Csf3, starting at 10 ng/mL, were added to NFS-60 cells. After 69 hours, cell proliferation was measured and the linear portion of the curve was used to calculate the ED50.

Applications

- Functional Study
- SDS-PAGE

Gene Info — Csf3

Entrez GeneID	12985
Protein Accession#	P09920
Gene Name	Csf3
Gene Alias	Csfg, G-CSF, MGF-HG
Gene Description	colony stimulating factor 3 (granulocyte)
Gene Ontology	Hyperlink
Other Designations	OTTMUSP00000006785 colony stimulating factor 3