

Bioactive

Csf3 (Mouse) Recombinant Protein

Catalog # P8708

Size 2 x 10 ug

Specification

Product Description	Mouse Csf3 recombinant protein expressed in <i>Escherichia coli</i> .
Sequence	VPLVTVSALPPSLPLPRSFLLKSLEQVRKIQASGSVLLEQLCATYKLCHPEELVLLGHSLGIPKASL SGCSSQALQQTQCLSQLHSGLCCLYQGLLQALSGISPALAPTLDLLQLDVANFATTWQQMENLGV APTVQPTQSAMPAFTSAFQRRAGGVLAISYLQGFLETARLALHHLA
Host	Escherichia coli
Theoretical MW (kDa)	18.9
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Purification	chromatographic
Purity	> 98% as determined by (a) RP-HPLC.(b) SDS-PAGE.
Activity	ED ₅₀ < 0.05 ng/mL, measured by a cell proliferation assay using murine NFS-60 cells, corresponding to a specific activity of 2.0 x 10 ⁷ IU/mg.
Storage Buffer	Lyophilized from a solution containing 10 mM NaCitrate, pH 4.0, 150 mM NaCl. 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 — Csf3

Entrez GeneID	12985
---------------	-----------------------

Protein Accession#	P09920
--------------------	------------------------

Gene Name	Csf3
-----------	------

Gene Alias	Csfg, G-CSF, MGHG
------------	-------------------

Gene Description	colony stimulating factor 3 (granulocyte)
------------------	---

Gene Ontology	Hyperlink
---------------	---------------------------

Other Designations	OTTMUSP00000006785 colony stimulating factor 3
--------------------	--