

Bioactive

Csf1 (Mouse) Recombinant Protein

Catalog # P7477

Size 10 ug

Specification

Product Description	Mouse Csf1 (P07141, 33 a.a. - 187 a.a.) partial recombinant protein with an N-terminal Met expressed in <i>Escherichia coli</i> .
Sequence	KEVSEHC SHMIGNGHLKVLQQLID SQMETSCQIAFEFVDQEQLDDPVCYLKKAFFLVQDIIDETMR FKDNTPNANATERLQELSNLNSCFTKDYEEQNKACVRTFHETPLQLLEKIKNFFNETKNLLEKD WNIFTKNCNNSFAKSSRDVVTKP
Host	<i>Escherichia coli</i>
Theoretical MW (kDa)	~ 30
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 95% as analyzed by SDS-PAGE.
Endotoxin Level	< 0.2 EU/ ug of protein (gel clotting method)
Activity	ED ₅₀ < 3.0 ng/mL, measured in a cell proliferation assay using Murine M-NFS-60 cells, corresponding to a specific activity of > 3.3 × 10 ⁵ units/mg.
Recommend Usage	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from 50 mM Tris, 150 mM NaCl, pH 8.0. Reconstitute the lyophilized powder in ddH ₂ O up to 100 ug/mL.
Storage Instruction	Store at 4°C for 1 week. For long term storage store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- SDS-PAGE

Gene Info — Csf1

Entrez GeneID	12977
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Protein Accession#	P07141
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Gene Name	Csf1
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Gene Alias	C87615, CSF-1, Csfm, M-CSF, op
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Gene Description	colony stimulating factor 1 (macrophage)
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Gene Ontology	Hyperlink
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Other Designations	colony stimulating factor 1 colony-stimulating factor-1 osteopetrosis
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