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 *Escherichia coli*.
Sequence	KEVSEHCSHMIGNGHLKVLQQLIDSQMETSCQIAFEFVDQEQLDDPVCYLKKAFFLVQDIIDETMRFKDNTPNANATERLQELSNNLNSCFTKDYEEQNKACVRTFHETPLQLLEKIKNFFNETKNLLEKDWNIFTKNCNNSFAKCSSRDVVTKP
Host	Escherichia coli
Theoretical MW (kDa)	~ 30
Form	Lyophilized
Preparation Method	*Escherichia coli* 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_2O 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

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- Functional Study
- SDS-PAGE

Gene Info — Csf1

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

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