Bioactive

Csf1 (Mouse) Recombinant Protein

Catalog # P7269 Size 10 ug

Applications

Result of activity analysis

Result of activity analysis

Specification

Product Description	Mouse Csf1 (P07141, 33 a.a. - 187 a.a.) partial recombinant protein expressed in CHO cells.
Sequence	LKVLQQLIDSQMETSCQIAFEFVDQEQLDDPVCYLKKAFFLVQDIIDETMRFKDNTPNANATERLQ ELSNNLNSCFTKDYEEQNKACVRTFHETPLQLLEKIKNFFNETKNLLEKDWNIFTKNCNNSFAKCS SRDVVTKP
Host	Mammals
Theoretical MW (kDa)	35 - 44
Form	Lyophilized
Preparation Method	Mammalian cell (CHO) expression system
Purity	> 95% as analyzed by SDS-PAGE. > 95% as analyzed by HPLC.
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, correspondin g to a specific activity of > 3.3×10^5 units/mg.

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Recommend Usage	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from PBS. Reconstitute the lyophilized powder in ddH_2O up to 100 ug/mL.
Storage Instruction	Store at 4°C to 8°C for 1 week. For long term storage store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Result of activity analysis Result of activity analysis

Applications

- 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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