Active Recombinant Feline CSF2, Met-tagged

Cat. No. CSF2-231F **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Feline CSF2 (Accession # AAC06041) Ala18-Lys144 (Met36Ile, Thr56Ala & Lys126Asn), fused with an N-terminal Met, was produced in E. coli-derived.
Species	Feline
Source	E.coli
ProteinLength	18-144 a.a.
Predicted N Terminal	Met
Form	Lyophilized from a 0.2 μm filtered solution in PBS with BSA as a carrier protein.
Bio-activity	Measured in a cell proliferation assay using TF-1 human erythroleukemic cells. Kitamura, T. et al. (1989) J. Cell Physiol. 140:323.The ED50 for this effect is typically 2 - 8 ng/mL.
Molecular Mass	Recombinant Feline CSF2, Met-tagged has a calculated MW of 14.6 kDa.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC).

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Reconstitution	Reconstitute at 10 g/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

GENE INFORMATION

Gene Name	CSF2 colony stimulating factor 2 (granulocyte-macrophage) [Felis catus (domestic cat)]
Official Symbol	CSF2
Synonyms	CSF2; colony stimulating factor 2 (granulocyte-macrophage); GM-CSF; granulocyte-macrophage colony-stimulating factor; CSF; colony-stimulating factor
Gene ID	493805
mRNA Refseq	NM_001009846
Protein Refseq	NP_001009846
MIM	
UniProt ID	O62757

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