

Product Datasheet

Recombinant Canine GM-CSF Protein NBP2-34886-5ug

Unit Size: 5ug

Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.

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Recombinant Canine GM-CSF Protein

Product Information	
Unit Size	5ug
Concentration	Lyoph
Storage	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
Preservative	No Preservative
Reconstitution Instructions	Recommended to centrifuge prior to opening. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0mg/mL.
Purity	>95%, by SDS-PAGE and HPLC
Buffer	Lyophilized from a 0.2 um filtered concentrated solution in PBS, pH 7.4.
Target Molecular Weight	14.2 kDa

Product Description	
Description	A single non-glycosylated polypeptide chain containing 127 amino acids corresponding to GM-CSF Source: <i>E. coli</i> Uniprot ID: <i>P48749</i> Amino Acid Sequence: <i>APTRSPTLVT RPSQHVDAIQ EALSLLNNSN DVTAVMNKAV KVVSEVFDPE GPTCLETRLQ LYKEGLQGSL TSLKNPLTMM ANHYKQHCPP TPESPCATQN INFKSFKENL KDFLFNIPFD CWKPVKK</i>
Gene ID	1437
Gene Symbol	CSF2
Species	Canine
Details of Functionality	Fully biologically active when compared to standard. The ED50 as determined by a cell proliferation assay using human TF-1 cells is less than 5 ng/ml, corresponding to a specific activity of $> 2.0 \times 10^5$ IU/mg.
Endotoxin Note	Less than 1 EU/ug of GM-CSF as determined by LAL method.

Product Application Details	
Applications	SDS-Page, Bioactivity
Recommended Dilutions	SDS-Page, Bioactivity





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Products Related to NBP2-34886-5ug

NBP2-35066-5ug	Recombinant Mouse GM-CSF Protein
210-TA-005	TNF-alpha [Unconjugated]
7954-GM-010/CF	GM-CSF [Unconjugated]
M6000B-1	IL-6 [HRP]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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