

Product Datasheet

Recombinant Human GM-CSF Protein NBP2-34893-5ug

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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Publications: 1

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NBP2-34893-5ug

Recombinant Human GM-CSF Protein

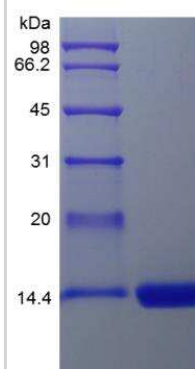
Product Information	
Unit Size	5ug
Concentration	Lyoph
Storage	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
Preservative	No Preservative
Reconstitution Instructions	Recommended to centrifuge 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	> 98 % pure by SDS-PAGE and HPLC
Buffer	Lyophilized from a 0.2 um filtered concentrated solution in PBS, pH 7.4.
Target Molecular Weight	14.5 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: P04141 Amino Acid Sequence: APARSPSPST QPWEHVNAIQ EARLLNLSR DTAAEMNETV EWISEMFDLQ EPTCLQTRLE LYKQGLRGSL TKLKGPLTMM ASHYKQHCPP TPETSCATQI ITFESFKENL KDFLLVIPFD CWEPVQE
Gene ID	1437
Gene Symbol	CSF2
Species	Human
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 0.1 ng/ml, corresponding to a specific activity of > 1.0 x 10 ⁷ IU/mg.
Endotoxin Note	Less than 1.0 EU/ug of GM-CSF as determined by LAL method.

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

Images

SDS-Page: Human GM-CSF Protein [NBP2-34893]



Publications

He ZD, Zhang M, Wang YH et al. Anti-PD-L1 mediating tumor-targeted codelivery of liposomal irinotecan/JQ1 for chemo-immunotherapy *Acta pharmacologica Sinica* 2020-12-11 [PMID: 33311600]





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Products Related to NBP2-34893-5ug

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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