

Product Datasheet

Recombinant Mouse M-CSF Protein NBP2-35165-10ug

Unit Size: 10 ug

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: 3

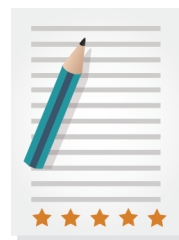
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NBP2-35165-10ug

Recombinant Mouse M-CSF Protein

Product Information	
Unit Size	10 ug
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 solution in 20 mM Tris, 500 mM NaCl, pH 7.4.
Target Molecular Weight	52 (homodimer) kDa

Product Description	
Description	A disulfide-linked homodimer consisting of two 230 amino acid polypeptide chains corresponding to M-CSF Source: <i>E. coli</i> Uniprot ID: Q3U4F9 Amino Acid Sequence: KEVSEHCSHM IGNGHLKVLQ QLIDSQMETS CQIAFEFVDQ EQLDDPVCYL KKAFFLVQDI IDETMRFKDN TPNANATERL QELSNLNSC FTKDYEEQNK ACVRTFHETP LQLEKIKNF FNETKNLLEK DWNIFTKNCN NSFAKCSSRD VVTKPDCNCL YPKATPSSDP ASASPHQPPA PSMAPLAGLA WDDSQRTEGS SLLPSELPLR IEDPGSAKQR PPRSTCQTLE
Gene ID	1435
Gene Symbol	CSF1
Species	Mouse
Details of Functionality	MCSF Protein is fully biologically active when compared to standard. The ED50 as determined by a cell proliferation assay using murine M-NFS-60 cells is less than 2 ng/ml, corresponding to a specific activity of > 5.0 x 10 ⁵ IU/mg.
Endotoxin Note	Less than 1 EU/ug of M-CSF as determined by LAL method.

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

Publications

Huang L, Xu R, Li W et al. Repolarization of macrophages to improve sorafenib sensitivity for combination cancer therapy *Acta biomaterialia* 2023-03-16 [PMID: 36931417] (BA, Mouse)

Cao S, Saw PE, Shen Q Et al. Reduction-responsive RNAi nanoplatfrom to reprogram tumor lipid metabolism and repolarize macrophage for combination pancreatic cancer therapy *Biomaterials* 2021-11-19 [PMID: 34823884] (Cell Culture)

Li Y, Dong M, Wang Q et al. HIMF deletion ameliorates acute myocardial ischemic injury by promoting macrophage transformation to reparative subtype *Basic research in cardiology* 2021-04-23 [PMID: 33893593] (Mouse)





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Products Related to NBP2-35165-10ug

NBP2-34975-10ug	Recombinant Human M-CSF Protein
210-TA-005	TNF-alpha [Unconjugated]
416-ML-010	M-CSF [Unconjugated]
M6000B-1	IL-6 [HRP]

Limitations

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