

Mouse GM-CSF Recombinant Protein, PeproTech®

Product Details

Size	1 mg
Species	Mouse
Published Species	Dog, Rat, Fish, Mouse, Human
Expression system	E. coli
Amino acid sequence	MAPTRSPITV TRPWKHVEAI KEALNLLDDM PVTLNEEVEV VSNEFSFKKL TCVQTRLKIF EQGLRGNFTK LKGALNMTAS YYQTYCPPTP ETDCEQVTT YADFIDSLKT FLTDIPFECK KPVQK
Molecular weight	14.2 kDa
Class	Recombinant
Type	Protein
Purity	98% by SDS-PAGE gel and HPLC analyses.
Endotoxin concentration	<1 EU/μg
Activity	The ED50 as determined by the dose-dependent stimulation of the proliferation of murine FDC-P1 cells is 0.05 ng/ml, corresponding to a specific activity of 2×10^7 units/mg.
Conjugate	Unconjugated
Form	Lyophilized
Purification	HPLC, SDS-PAGE
Contains	no preservative
Storage conditions	-20°C

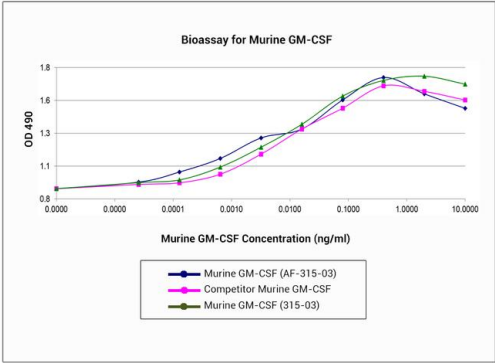
Applications	Tested Dilution	Publications
Western Blot (WB)	Assay-dependent	-
Flow Cytometry (Flow)	-	2 Publications
ELISA (ELISA)	Assay-dependent	5 Publications
Neutralization (Neu)	-	1 Publication
Functional Assay (FN)	Assay-dependent	1 Publication
In vitro Assay (IV)	-	954 Publications
Miscellaneous PubMed (Misc)	-	97 Publications

Product Specific Information

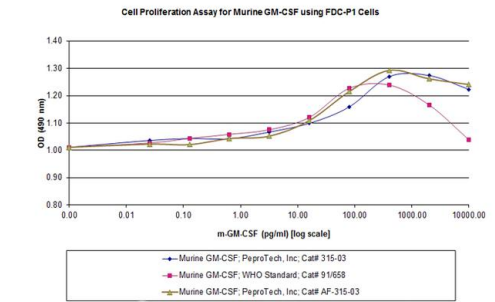
Recombinant Murine GM-CSF is a 14.2 kDa globular protein consisting of 125 amino acid residues.

This product is shipped at ambient temperature. For storage, handling and reconstitution information, please see the lot-specific Certificate of Analysis

Product Images For Mouse GM-CSF Recombinant Protein, PeproTech®



Mouse GM-CSF Protein (315-03-1MG) in FN
Bioassay analysis of Mouse GM-CSF Recombinant Protein, PeproTech® (Product # 315-03-1MG).



Mouse GM-CSF Protein (315-03-1MG) in FN
WHO Comparison of Mouse GM-CSF Recombinant Protein, PeproTech® (Product # 315-03-1MG).

Flow Cytometry (2)

<p>Nature communications</p> <p>USP12 downregulation orchestrates a protumourigenic microenvironment and enhances lung tumour resistance to PD-1 blockade.</p> <p>"315-03 was used in Flow cytometry/Cell sorting to show that the deubiquitinase USP12 is commonly downregulated in the KrasG12D-driven mouse lung tumour and human non-small cell lung cancer owing to the activation of AKT-mTOR signalling."</p> <p>Authors: Yang Z,Xu G,Wang B,Liu Y,Zhang L,Jing T,Tang M,Xu X,Jiao K,Xiang L,Fu Y,Tang D,Zhang X,Jin W,Zhuang G,Zhao X,Liu Y</p>	<p>Year 2021</p> <p>Species Mouse</p>
<p>Journal of immunology (Baltimore, Md. : 1950)</p> <p>Gr-1high polymorphonuclear leukocytes and NK cells act via IL-15 to clear intracellular Haemophilus influenzae in experimental murine peritonitis and pneumonia.</p> <p>Authors: Miyazaki S,Ishikawa F,Shimizu K,Ubagai T,Edelstein PH,Yamaguchi K</p>	<p>Year 2007</p> <p>Species Mouse</p>

ELISA (5)

<p>Journal of immunology (Baltimore, Md. : 1950)</p> <p>Regulation of the inflammatory response: enhancing neutrophil infiltration under chronic inflammatory conditions.</p> <p>Authors: Bian Z,Guo Y,Ha B,Zen K,Liu Y</p>	<p>Year 2012</p> <p>Species Mouse</p>
<p>FEMS immunology and medical microbiology</p> <p>Selective serotonin reuptake inhibitors attenuate the antigen presentation from dendritic cells to effector T lymphocytes.</p> <p>Authors: Branco-de-Almeida LS,Kajiya M,Cardoso CR,Silva MJ,Ohta K,Rosalen PL,Franco GC,Han X,Taubman MA,Kawai T</p>	<p>Year 2011</p> <p>Species Mouse</p>

View more ELISA references on thermofisher.com

More applications with references on thermofisher.com

- Neu (1)
- FN (1)
- IV (954)
- Misc (97)

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON-INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (i) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (ii) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (iii) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (iv) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.