

Product datasheet

Recombinant mouse IL-3 protein (Animal Free) ab179619

Description

Product name	Recombinant mouse IL-3 protein (Animal Free)
Biological activity	The activity is determined by the dose-dependent stimulation of mouse M-NFS-60 cells and is typically less than 0.05 ng/mL.
Purity	>= 97 % SDS-PAGE. Protein Content and Purity determined by HPLC, Reducing and Non-reducing SDS-PAGE, UV spectroscopy at 280 nm
Endotoxin level	<=1.000 Eu/µg
Expression system	Escherichia coli
Accession	<u>P01586</u>
Protein length	Protein fragment
Animal free	Yes
Nature	Recombinant
Species	Mouse
Sequence	MDTHRLTRTL NCSSIVKEII GKLPEPELKT DDEGPSLRNK SFRRVNLSKF VESQGEVDPE DRYVIKSNLQ KLNCCCLPTSA NDSALPGVFI RDLDDFRKKL RFYMVHLNDL ETVLTSRPPQ PASGSVSPNR GTVEC
Predicted molecular weight	15 kDa
Amino acids	33 to 166

Specifications

Our **Abpromise guarantee** covers the use of **ab179619** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE Functional Studies HPLC
Form	Lyophilized
Additional notes	This product is produced with no animal-derived raw products, animal free equipment and animal free protocols.

Preparation and Storage

Stability and Storage

Shipped at 4°C. Store at -20°C. Avoid freeze / thaw cycle.

This product is an active protein and may elicit a biological response in vivo, handle with caution.

Reconstitution

Centrifuge vial before opening. When reconstituting the product, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution. It is recommended to reconstitute the lyophilized product with sterile water at a concentration of 0.1 mg/mL, which can be further diluted into other aqueous solutions. Reconstituted material should be aliquoted and frozen at -20°C.

General Info

Function

Granulocyte/macrophage colony-stimulating factors are cytokines that act in hematopoiesis by controlling the production, differentiation, and function of 2 related white cell populations of the blood, the granulocytes and the monocytes-macrophages.

This CSF induces granulocytes, macrophages, mast cells, stem cells, erythroid cells, eosinophils and megakaryocytes.

Tissue specificity

Activated T-cells, mast cells, natural killer cells.

Sequence similarities

Belongs to the IL-3 family.

Cellular localization

Secreted.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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