

Product datasheet

Recombinant GM-CSF protein ab87523

Overview

Product name	Recombinant GM-CSF protein
Protein length	Protein fragment

Description

Nature	Recombinant
Source	Yeast

Amino Acid Sequence

Sequence	APTRQPSPVT RPWQHVDAIK EALSLLNNS DTAAIMNETV EVVSETFDAE ELTCLQTRLK LYKQGLRGSL IKLEGPLTMM ASHYKQHCPP TLETSCATQM ITFKSFKKNL KDFLFEIPFD CWSQPRSKAG LPARS
-----------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------

Specifications

Our [Abpromise guarantee](#) covers the use of **ab87523** 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
Form	Lyophilised

Preparation and Storage

Stability and Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles. Preservative: None Constituents: 10% Trehalose, PBS
Reconstitution	Reconstitute with sterile phosphate-buffered saline containing at least 0.1% carrier protein.

General Info

Function	Cytokine that stimulates the growth and differentiation of hematopoietic precursor cells from various lineages, including granulocytes, macrophages, eosinophils and erythrocytes.
-----------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Sequence similarities	Belongs to the GM-CSF family.
Cellular localization	Secreted.

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <http://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors