

Product datasheet

Recombinant rhesus monkey IL-3 protein (Active)
 ab243952

1 Image

Description

Product name	Recombinant rhesus monkey IL-3 protein (Active)	
Biological activity	<p>Assay 1: Fully biologically active when compared to standard. The ED₅₀ as determined by the dose- dependent stimulation of the proliferation of murine NFS-60 cells is less than 5.0 ng/ml, corresponding to a specific activity of >2x10⁵ IU/mg.</p> <p>Assay 2: The ED₅₀ as determined by a cell proliferation assay using human TF-1 cells is less than 0.05 ng/ml, corresponding to a specific activity of >2.0x10⁷ IU/mg.</p>	
Endotoxin level	< 1.000 Eu/μg	
Expression system	Escherichia coli	
Accession	P25140	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Rhesus monkey	
Sequence	APMTQTTS�KTSWAKCSNMIDEIITHLNQPPLPSPDFNNLN EEDQTILVE KNLRRSNLEAFSKAVKSLQNASAIESILKNLPPCLPMATAA PTRPPIRIT NGDRNDFRRKLFYKLTLENEQAQ	
Predicted molecular weight	14 kDa	
Amino acids	20 to 143	
Additional sequence information	Full-length mature chain lacking the signal peptide.	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab243952** 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
	HPLC
	Functional Studies

Form Lyophilized

Preparation and Storage

Stability and Storage

Shipped at 4°C. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

Constituents: PBS, 5% Trehalose

0.2 µm filtered

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

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at -20 °C. Further dilutions should be made in appropriate buffered solutions.

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.

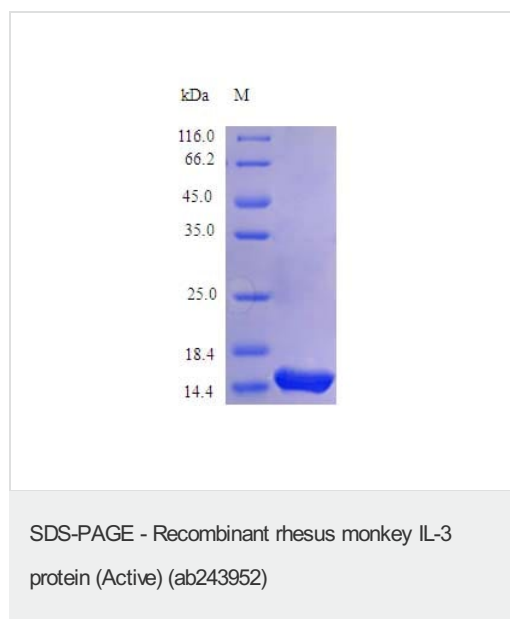
Sequence similarities

Belongs to the IL-3 family.

Cellular localization

Secreted.

Images



SDS-PAGE analysis of ab243952

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

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