

Product datasheet

Recombinant Human IL-21 protein ab60287

Description

Product name	Recombinant Human IL-21 protein
Purity	> 95 % SDS-PAGE. Endotoxin: <0.1 ng/μg
Expression system	Escherichia coli
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	QDRHMIRMQRQ LIDVDQLKN YVNDLVPEFL PAPEDVETNC EWSAFSCFQK AQLKSANTGN NERIINVSIK KLKRKPPSTN AGRRQKHRLT CPSCDSYEKK PPKEFLERFK SLLQKMIHQH LSSRTHGSED S

Specifications

Our **Abpromise guarantee** covers the use of **ab60287** 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	Lyophilized

Preparation and Storage

Stability and Storage	Shipped at 4°C. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle.
Reconstitution	Reconstitute in sterile, distilled water to a concentration of 0.1-1.0 mg/ml. Further dilutions should be made in low endotoxin medium or a buffered solution containing a carrier protein such as heat inactivated FCS or tissue culture grade BSA.

General Info

Function	Cytokine with immunoregulatory activity. May promote the transition between innate and adaptive immunity. Induces the production of IgG(1) and IgG(3) in B-cells (By similarity). May play a role in proliferation and maturation of natural killer (NK) cells in synergy with IL15. May regulate
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proliferation of mature B- and T-cells in response to activating stimuli. In synergy with IL15 and IL18 stimulates interferon gamma production in T-cells and NK cells. During T-cell mediated immune response may inhibit dendritic cells (DC) activation and maturation.

Tissue specificity

Expressed in activated CD4-positive T-cells but not in CD8-positive T-cells, B-cells, or monocytes.

Sequence similarities

Belongs to the IL-15/IL-21 family.

Cellular localization

Secreted.

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

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- 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

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