

Product datasheet

Recombinant human IL-5 protein (Active) ab219427

1 Image

Description

Product name	Recombinant human IL-5 protein (Active)
Biological activity	Measured in a cell proliferation assay using TF-1 human erythroleukemic cell. The ED ₅₀ for this effects is less or equal to 1.5 ng/ml.
Purity	> 90 % SDS-PAGE. ab219427 was purified using conventional chromatography techniques.
Endotoxin level	< 1.000 Eu/μg
Expression system	Baculovirus infected insect cells
Accession	P05113
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	ADPIPTIPT SALVKETLAL LSTHRTLLIA NETLRIPVPV HKNHQLCTEE IFQGIGTLES QTVQGGTVER LFKNLSLIKK YIDGQKKKCG EERRRVNQFL DYLQEFLGVM NTEWIIESHH HHHH
Predicted molecular weight	14 kDa including tags
Amino acids	20 to 134
Tags	His tag C-Terminus
Additional sequence information	This product is for the mature full length protein. The signal peptide is not included (NP_000870).

Specifications

Our [Abpromise guarantee](#) covers the use of **ab219427** 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
Form	Liquid

Preparation and Storage

Stability and Storage

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 7.40

Constituents: 90% PBS, 10% Glycerol (glycerin, glycerine)

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

General Info**Function**

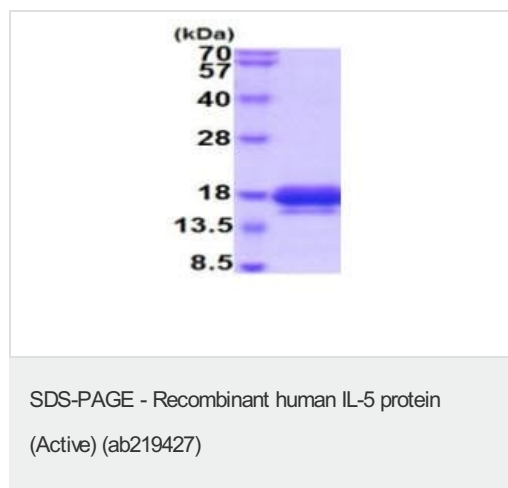
Factor that induces terminal differentiation of late-developing B-cells to immunoglobulin secreting cells.

Sequence similarities

Belongs to the IL-5 family.

Cellular localization

Secreted.

Images

15% SDS-PAGE analysis of ab219427 (3µg).

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

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