

## Product datasheet

# Recombinant Human IL31 protein ab119738

### Overview

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<b>Product name</b>	Recombinant Human IL31 protein
<b>Protein length</b>	Full length protein

### Description

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<b>Nature</b>	Recombinant
<b>Source</b>	Escherichia coli

### Amino Acid Sequence

<b>Accession</b>	<a href="#">Q6EBC2</a>
<b>Species</b>	Human
<b>Sequence</b>	SHTLPVRLLRPSDDVQKIVEELQSLSKMLLKDVVEEEKGVLVSQNYTLPCLS SPDAQPPNNIHSPAIRAYLKTIRQLDNKSVIDEIIEHLDKLIFQDAPET NISVPTDTHECKRFILTSQQFSECMDLALKSLTSGAQQATT
<b>Molecular weight</b>	16 kDa including tags
<b>Amino acids</b>	24 to 164

### Specifications

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Our [Abpromise guarantee](#) covers the use of **ab119738** in the following tested applications.

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

<b>Applications</b>	SDS-PAGE HPLC
<b>Purity</b>	> 95 % SDS-PAGE. Purity by SDS_PAGE and SEC-HPLC: > 95%
<b>Form</b>	Lyophilised

### Preparation and Storage

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<b>Stability and Storage</b>	Shipped at 4°C. Store at -20°C. Store under desiccating conditions. pH: 7.40
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Constituents: 0.28% Phosphate Buffer, 0.88% Sodium chloride

## Reconstitution

Reconstitute in sterile H<sub>2</sub>O to a concentration  $\geq 100$   $\mu\text{g/ml}$ . This solution can then be diluted into other aqueous buffers. Avoid freeze/thaw cycles.

## General Info

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### Function

Activates STAT3 and possibly STAT1 and STAT5 through the IL31 heterodimeric receptor composed of IL31RA and OSMR. IL31 may function in skin immunity.

### Tissue specificity

Detected at low levels in testis, bone marrow, skeletal muscle, kidney, colon, thymus, small intestine and trachea.

### Cellular localization

Secreted.

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

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