

Product datasheet

Recombinant Human IL31 protein ab119738

Overview

Product name	Recombinant Human IL31 protein
Protein length	Full length protein

Description

Nature	Recombinant
Source	Escherichia coli

Amino Acid Sequence

Accession	Q6EBC2
Species	Human
Sequence	SHTLPVRLLRPSDDVQKIVEELQSLSKMLLKDVVEEEKGVLVSQNYTLPCL SPDAQPPNNIHSPAI- RAYLKTIRQLDNKSVIDEIIHLDKLIHQDAPET NISVPTDTHECKRFILTSQQFSECMDLALKSLTSGAQQATT
Molecular weight	16 kDa including tags
Amino acids	24 to 164

Specifications

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.

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

Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at -20°C. Store under desiccating conditions. pH: 7.40
------------------------------	---

Constituents: 0.28% Phosphate Buffer, 0.88% Sodium chloride

Reconstitution

Reconstitute in sterile H₂O to a concentration ≥ 100 $\mu\text{g/ml}$. This solution can then be diluted into other aqueous buffers. Avoid freeze/thaw cycles.

General Info

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.

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 <https://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