

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
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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.

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