

Recombinant human IL-31 protein ab106619

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製品の詳細

製品名	Recombinant human IL-31 protein
生理活性	Measured by its ability to induce STAT3 activation in Human U87 cells.
精製度	> 98 % SDS-PAGE. Greater than 98% by SDS-PAGE gel and HPLC analyses
エンドトキシン・レベル	< 0.100 Eu/μg
発現系	Escherichia coli
アクセッション番号	<u>Q6EBC2</u>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	SHTLPVRLLR PSDDVQKIVE ELQSLSKMLL KDVEEEKGVL VSQNYTLPCL SPDAQPPNNI HSPAIRAYLK TIRQLDNKSV IDEIIEHLDK LIFQDAPETN ISVPTDTHC KRFILTISQQ FSECMDLALK SLTSGAQQAT T
予測される分子量	16 kDa
領域	24 to 164

特性

Our **Abpromise guarantee** covers the use of **ab106619** in the following tested applications.

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

アプリケーション	SDS-PAGE
	HPLC
	ELISA
	Western blot
製品の状態	Lyophilized

前処理および保存

保存方法および安定性

Shipped at 4°C. Store at -80°C. Avoid freeze / thaw cycle. For long term storage it is recommended to add a carrier protein on reconstitution (0.1% HSA or BSA).

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

再構成

The lyophilised product should be stored at -20oC till use. Once the product has been reconstituted according to the CoA, this can be diluted further in a chosen aqueous buffer containing a carrier protein, such as 0.1% BSA and stored in working aliquots at -20oC for at least 3 months

関連情報

機能

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

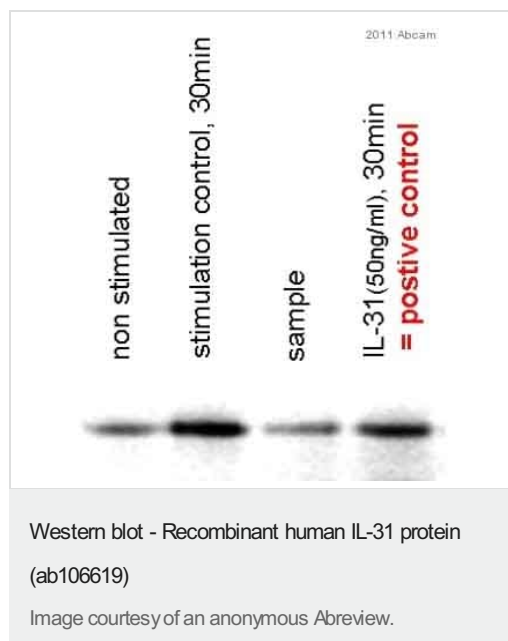
組織特異性

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

細胞内局在

Secreted.

画像



Whole cell lysate prepared from human eosinophil granulocytes was loaded at 500000 cells.

5-16% gel run under reducing, denaturing conditions.

Blocking step performed using 5% BSA for 2 hours at 25°C.

ab106619 used at a 1/200 dilution.

Primary antibody used at a 1/100 dilution.

Secondary antibody was an HRP conjugated goat anti-rabbit IgG, used at a 1/200 dilution.

The positive control was stimulated with IL-3 (10ng/ml) + IL-5 (10ng/ml) + GM-CSF (10ng/ml) for 30 minutes.

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

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- We provide support in Chinese, English, French, German, Japanese and Spanish
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- We investigate all quality concerns to ensure our products perform to the highest standards

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