Datasheet for ABIN7490875

IL-31 Protein (AA 24-164) (Fc Tag)

1 Image

Go to Product page

Overview

Quantity:	100 µg
Target:	IL-31 (IL31)
Protein Characteristics:	AA 24-164
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL-31 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant human IL31 protein with C-terminal human Fc tag
Specificity:	IL31 (Ser24-Thr164) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	IL-31 (IL31)
Alternative Name:	IL31 (IL31 Products)
Background:	IL31, which is made principally by activated Th2-type T cells, interacts with a heterodimeric

Target Details

	receptor consisting of IL31RA (MIM 609510) and OSMR (MIM 601743) that is constitutively expressed on epithelial cells and keratinocytes. IL31 may be involved in the promotion of allergic skin disorders and in regulating other allergic diseases, such as asthma (Dillon et al., 2004 [PubMed 15184896]).[supplied by OMIM, Mar 2008]
Molecular Weight:	predicted molecular mass of 42 kDa after removal of the signal peptide. The apparent molecular mass of IL31-hFc is 35-55 kDa due to glycosylation.
UniProt:	Q6EBC2

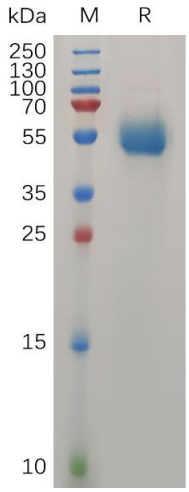
Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Expiry Date:	12 months

Images



SDS-PAGE

Image 1. Human IL31 Protein, hFc Tag on SDS-PAGE under reducing condition.