

Datasheet for ABIN7597265

IL-31 Protein (AA 24-164) (His tag)[Go to Product page](#)

Overview

Quantity:	10 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 His tag.

Product Details

Purpose:	Recombinant human IL31 Protein with C-terminal 10xHis tag
Sequence:	IL31(Ser24-Thr164) 10xHis tag
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

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

Target Details

	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 17.2 kDa after removal of the signal peptide.
UniProt:	Q6EBC2

Application Details

Application Notes:	Extracellular Domain Proteins (ECD) can be used as: <ul style="list-style-type: none">• Immunogens for antibody drug development• Reagents used for CAR-T positive cell monitoring• Reagents for antibody screening and functional testing• Reagents for antibody affinity measurement
Comment:	The protein was made using HEK293 mammalian cell secretion expression system to ensure the close-to-native structures and post-translational modifications of the target protein.
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