

Recombinant Human IL31 Protein, StreptII-tagged

Cat. No. IL31-284H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human IL31 protein with StreptII-tag was expressed in HEK293
Species	Human
Source	HEK293
Description	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 allergic skin disorders and in regulating other allergic diseases, such as asthma.
Molecular Mass	The protein has a calculated MW of 17 kDa.
AA Sequence	SHTLPVRLRLPSDDVQKIVEELQSLSKMLLKDVVEEEKGVLVSQNYTLPCCLSPDAQPP NNIHSPAIRAYLKTIRQLDNKSVIDEIIEHLDKLIFQDAPETNISVPTDTHECKRFILTISQ QFSECMDLALKSLTSGAQQATTWSHPQFEK
Endotoxin	<0.1 EU/μg
Purity	>80% by SDS-PAGE
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Storage Buffer Lyophilized from sterile 0.2µm filtered solution in 0.3X PBS with 10% Trehalose

GENE INFORMATION

Gene Name	IL31 interleukin 31 [Homo sapiens (human)]
Official Symbol	IL31
Synonyms	IL31; interleukin 31; interleukin-31; IL 31; IL-31;
Gene ID	386653
mRNA Refseq	NM_001014336
Protein Refseq	NP_001014358
MIM	609509
UniProt ID	Q6EBC2

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