

Recombinant Human IL31 Protein, His-tagged

Cat. No. IL31-151H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human interleukin 31(IL31)(NM_001014336) protein, with a His tag, was expressed in human cells.
Species	Human
Source	Human Cells
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 (Dillon et al., 2004 [PubMed 15184896]).
Form	Purified protein formulated in a sterile solution of TBS buffer, pH7.108, without any preservatives.
Molecular Mass	15.8 kDa
Endotoxin	Endotoxin level is < 0.1 ng/g of protein (<1EU /g)
Purity	>90% by SDS-PAGE gel and Coomassie Blue staining
Applications	Antigens, Western, ELISA and other in vitro binding or in vivo functional assays, and protein-protein interaction studies.

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GENE INFORMATION

Gene Name	IL31 interleukin 31 [Homo sapiens]
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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