

Recombinant Human IL19 Protein, His-tagged

Cat. No. IL19-151H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human interleukin 19 protein(IL19), transcript variant 2(NM_013371), with a His tag, was expressed in human cells.
Species	Human
Source	Human Cells
Description	The protein encoded by this gene is a cytokine that belongs to the IL10 cytokine subfamily. This cytokine is found to be preferentially expressed in monocytes. It can bind the IL20 receptor complex and lead to the activation of the signal transducer and activator of transcription 3 (STAT3). A similar cytokine in mouse is reported to up-regulate the expression of IL6 and TNF-alpha and induce apoptosis, which suggests a role of this cytokine in inflammatory responses. Alternatively spliced transcript variants encoding the distinct isoforms have been described.
Form	Purified protein formulated in a sterile solution of TBS buffer, pH7.106, without any preservatives.
Molecular Mass	17.9 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

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protein-protein interaction studies.

GENE INFORMATION

Gene Name	IL19 interleukin 19 [Homo sapiens]
Official Symbol	IL19
Synonyms	IL19; interleukin 19; interleukin-19; IL 10C; IL 19; MDA1; melanoma differentiation associated protein like protein; NG.1; ZMDA1; melanoma differentiation associated protein-like protein; melanoma differentiation-associated protein-like protein; IL-10C;
Gene ID	29949
mRNA Refseq	NM_013371
Protein Refseq	NP_037503
MIM	605687
UniProt ID	Q9UHD0

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