Recombinant Human IL-19

Cat. No. IL19-38H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human IL-19 was produced in yeast and therefore does not have endotoxin, is naturally folded, and post-translationally modified.
Species	Human
Source	Yeast
Description	Interleukin-19 (IL-19) is a cytokine that belongs to the IL-10 family, which includes IL-10, IL-20, IL-22, IL-24, IL-26, and several virus-encoded cytokines. It signals through the same cell surface receptor (IL-20R) that is used by IL-20 and IL-24. The IL-19 gene is expressed in resting monocytes and B cells. It is up-regulated in monocytes following stimulation with granulocyte-macrophage colony-stimulating factor (GM-CSF) or lipopolysaccharide.
Form	Lyophilized
Molecular Mass	17.8 kDa
AA Sequence	LRRCLISTDM HHIEESFQEI KRAIQAKDTF PNVTILSTLE TLQIIKPLDV CCVTKNLLAF YVDRVFKDHQ EPNPKILRKI SSIANSFLYM QKTLRQCQEQ RQCHCRQEAT NATRVIHDNY DQLEVHAAAI KSLGELDVFL AWINKNHEVM FSA (153)
Applications	The Human IL-19 protein can be used in cell culture, as a IL-19 ELISA Standard, and as a Western Blot Control.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	-20 C

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
Chromosome Location	1q32.2
Pathway	Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; IL23-mediated signaling events, organism-specific biosystem; Jak-STAT signaling pathway, organism-specific biosystem; Jak-STAT signaling pathway, conserved biosystem;
Function	cytokine activity;

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