Recombinant Human IL19 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. IL19-1470H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	IL19 MS Standard C13 and N15-labeled recombinant protein (NP_037503) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	20.45 kDa
AA Sequence	MKLQCVSLWLLGTILILCSVDNHGLRRCLISTDMHHIEESFQEIKRAIQAKDTFPNVTIL STLETLQIIKPLDVCCVTKNLLAFYVDRVFKDHQEPNPKILRKISSIANSFLYMQKTLR QCQEQRQCHCRQEATNATRVIHDNYDQLEVHAAAIKSLGELDVFLAWINKNHEVMF SATRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

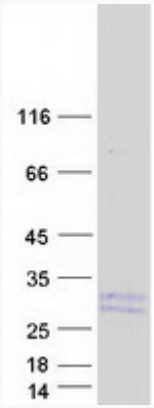
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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	IL19 interleukin 19 [Homo sapiens (human)]
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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SDS-PAGE	

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