

Active Recombinant Human IL19 Protein (Leu25-Ala177), C-His tagged, Animal-free, Carrier-free

Cat. No. IL19-138H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL19 Protein (Leu25-Ala177) with C-His tag was expressed in E. coli and Animal-free as well as Carrier-free.
Species	Human
Source	E.coli
ProteinLength	Leu25-Ala177
Description	Interleukin 19 (IL-19) predicts a molecular mass of 35.8 kDa, is a type of anti-inflammatory cytokine. It promotes the Th2 T-cell response which supports an anti-inflammatory lymphocyte phenotype, dampens the Th1 T-cell response and IFN γ secretion, increases IL-10 expression in peripheral blood mononuclear cells, and inhibits the production of IgG from B cells.
Form	Lyophilized
Bio-activity	Measure by its ability to induce proliferation in BaF3 cells transfected with human IL-20 R alpha and human IL-20 R beta. The ED50 for this effect is < 1.2 ng/mL
Molecular Mass	The protein has a calculated MW of 18.69 kDa. The protein migrates as 18 kDa under reducing condition (SDS-PAGE analysis).
Endotoxin	< 0.1 EU/ μ g of the protein by the LAL method.

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Purity	>98% as determined by SDS-PAGE analysis.
Storage	This product is stable after storage at: -20 centigrade for 12 months in lyophilized state from date of receipt. -20 or -80 centigrade for 1 month under sterile conditions after reconstitution. Avoid repeated freeze/thaw cycles.
Storage Buffer	Lyophilized from a 0.2 µm filtered solution of PBS, pH 8.0.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H ₂ O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at -20 centigrade or lower for long term storage.

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

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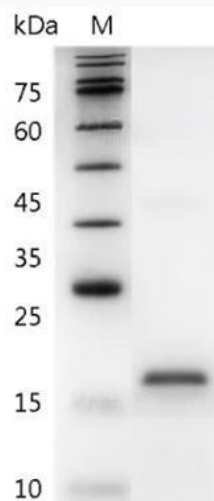
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MIM 605687

UniProt ID Q9UHD0

SDS-PAGE analysis
of recombinant
human IL-19.



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