Active Recombinant Mouse Il19 Protein (Leu25-Ala176), C-His tagged, Animal-free, Carrier-free

Cat. No. Il19-150M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Il19 Protein (Leu25-Ala176) with C-His tag was expressed in E. coli and Animal-free as well as Carrier-free.
Species	Mouse
Source	E.coli
ProteinLength	Leu25-Ala176
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 IFNγ 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 < 0.6 ng/mL.
Molecular Mass	The protein has a calculated MW of 18.54 kDa. The protein migrates as 17-25 kDa under reducing condition (SDS-PAGE analysis).
Endotoxin	< 0.1 EU/μg of the protein by the LAL method.

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

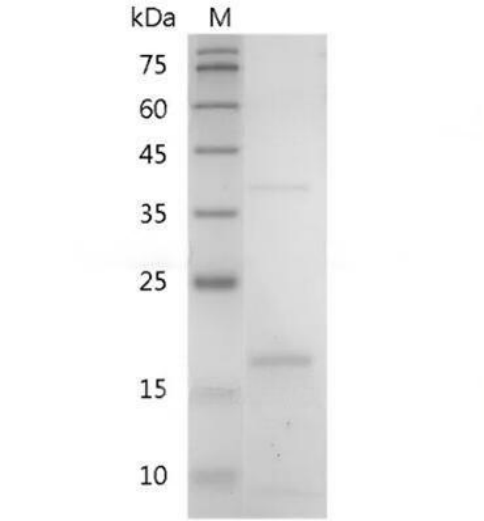
Purity	>98% as determined by SDS-PAGE analysis.
Storage	This product is stable after storage at: -20 centigrade for 12 months in lyophilized state from date of receipt. -20 or -80 centigrade for 1 month under sterile conditions after reconstitution. Avoid repeated freeze/thaw cycles.
Storage Buffer	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H2O 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 [Mus musculus (house mouse)]
Official Symbol	Il19
Synonyms	IL19; interleukin 19; interleukin-19; IL-19;
Gene ID	329244
mRNA Refseq	NM_001009940
Protein Refseq	NP_001009940
UniProt ID	Q8CJ70

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

SDS-PAGE analysis of recombinant mouse IL-19.



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