Recombinant Mouse Il19 Protein, His-tagged

Cat. No. Il19-1015M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Il19 Protein (Leu25-Ala176) with His tag was expressed in 293F.
Species	Mouse
Source	HEK293
ProteinLength	Leu25-Ala176
Description	Predicted to enable cytokine activity. Involved in negative regulation of low-density lipoprotein particle clearance. Acts upstream of or within negative regulation of extrinsic apoptotic signaling pathway; positive regulation of intrinsic apoptotic signaling pathway; and reactive oxygen species metabolic process. Predicted to be located in extracellular space. Orthologous to human IL19 (interleukin 19).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 19.2 kDa; Accurate Molecular Mass: 26-38 kDa
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is

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	less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

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

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