

Recombinant Rat Il19 Protein, His-tagged

Cat. No. II19-1668R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Il19 Protein (Arg26-Thr177) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Arg26-Thr177
Description	Predicted to be involved in negative regulation of low-density lipoprotein particle clearance. Predicted to act 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 region. Predicted to be integral component of membrane. Biomarker of periodontal disease. Orthologous to human IL19 (interleukin 19).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 17.6 kDa Accurate Molecular Mass: 47 kDa
Purity	> 97%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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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 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

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION**Gene Name**

IL19 interleukin 19 [*Rattus norvegicus* (Norway rat)]

Official Symbol

IL19

Synonyms

IL19; interleukin 19; interleukin-19;

Gene ID

681145

mRNA Refseq

XM_017598964

Protein Refseq

XP_017454453

UniProt ID

D3ZFI7

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