

# Recombinant Rat IL19 Protein, His-tagged

**Cat. No.** IL19-1016R    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Rat IL19 Protein (Arg26-Thr177) with His tag was expressed in 293F.                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Species</b>          | Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>ProteinLength</b>    | Arg26-Thr177                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Description</b>      | 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). |
| <b>Form</b>             | Freeze-dried powder                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Molecular Mass</b>   | Predicted Molecular Mass: 19.2 kDa; Accurate Molecular Mass: \                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Purity</b>           | > 90%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Applications</b>     | Positive Control; Immunogen; SDS-PAGE; WB.                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Stability</b>        | 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                                                                                                                                                                                                                                                                                                                   |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

## 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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