

Recombinant Pig IL29 Protein, His-tagged

Cat. No. IL29-1034P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Pig IL29 Protein (Gly20-Ile191) with His tag was expressed in E. coli.
Species	Pig
Source	E.coli
ProteinLength	Gly20-Ile191
Description	This gene encodes a cytokine distantly related to type I interferons and the IL-10 family. This gene, interleukin 28A (IL28A), and interleukin 28B (IL28B) are three closely related cytokine genes that form a cytokine gene cluster on a chromosomal region mapped to 19q13. Expression of the cytokines encoded by the three genes can be induced by viral infection. All three cytokines have been shown to interact with a heterodimeric class II cytokine receptor that consists of interleukin 10 receptor, beta (IL10RB) and interleukin 28 receptor, alpha (IL28RA).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 23.0 kDa; Accurate Molecular Mass: 25 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

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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

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

IL29 interleukin 29 (interferon, lambda 1) [*Sus scrofa*]

Official Symbol

IL29

Synonyms

IL29; interleukin 29 (interferon, lambda 1); interleukin-29; IL-29;

Gene ID

100217388

mRNA Refseq

NM_001142837

Protein Refseq

NP_001136309

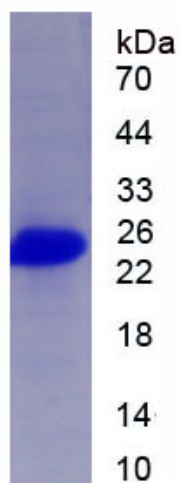
UniProt ID

B8XX89

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