Recombinant Rat Il17a protein, His-tagged

Cat. No. Il17a-871R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Il17a aa. (Ala18~Ser150) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Ala18~Ser150
Description	Cytokine; may be involved in immune system function or to cell death and cell survival.
Form	Freeze-dried powder
Molecular Mass	18kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	> 95%
Characteristic	The isoelectric point is 9.
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

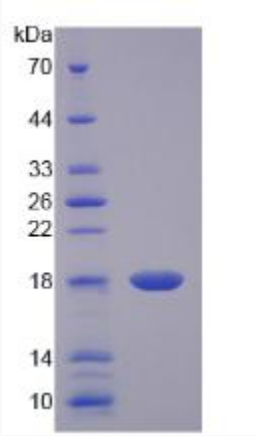
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	accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200μg/mL
Storage buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 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	Il17a interleukin 17A [Rattus norvegicus (Norway rat)]
Official Symbol	Il17a
Synonyms	Il17a; interleukin 17A; Il17; IL-17; CTLA-8; IL-17A; interleukin-17A; Interleukin 17 (cytotoxic T-lymphocyte-associated serine esterase 8); cytotoxic T-lymphocyte-associated antigen 8
Gene ID	301289
mRNA Refseq	NM_001106897.1
Protein Refseq	NP_001100367.1

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UniProt ID	G3V7M4
SDS-PAGE	

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