

RPB862Bo01 50µg

Recombinant Interferon Tau (IFNt)

Organism Species: *Bos taurus*; Bovine (Cattle)

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[**PROPERTIES**]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Cys24~Leu195

Tags: N-terminal His Tag

Subcellular Location: Secreted

Purity: > 90%

Traits: Freeze-dried powder

Buffer formulation: 100mMNaHCO₃, 500mMNaCl, pH8.3, containing 0.01% Sarcosyl, 5% Trehalose.

Original Concentration: 200µg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 5.7

Predicted Molecular Mass: 23.5kDa

Accurate Molecular Mass: 23kDa as determined by SDS-PAGE reducing conditions.

[**USAGE**]

Reconstitute in ddH₂O to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[**STORAGE AND STABILITY**]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: 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°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.

[**SEQUENCE**]

			CYLS	SEDH	MLG	AREN	LRL	LARM	NRL	SPH
PCLQDRKDFG	LPQEMVEGNQ	LQKDQAISVL	HEML	QQCFNL	FYTE	HSSAAW				
NTTLLEQLCT	GLQQQLEDLD	ACLG	PVMGEK	DSDM	GRMGPI	LT	VKKY	FQGI		
HVYLKEKEYS	DCAW	EIRVE	MMRAL	SSSTT	LQRL	RKMGG	DLNSL			

[IDENTIFICATION]

TGTATACCTGTCTGAGGACCACTGCTAGGTGCGCAGGAGAACCTCAGGCTCCTGGGCGGAGTGAACAGACTCTCTCTCTCTATCCTCCTGTCTGCGAGGACAGAAAGAGCTTTGGTCTTCTCTCAGGAGATGCTGGAGGCGAGCGCTCAGAGGATCAGGCTATCTCTGTCTGCTCCAGGATGCTCCAGAGCTCTTCAACCTCTTCCAGAT
 CYILSEDHMLGARENLRLLARMNRLSPHPCILQDRKDFGLPQEMVEGSGQLQKDQAISVLIHEMLQQCFNLFHI

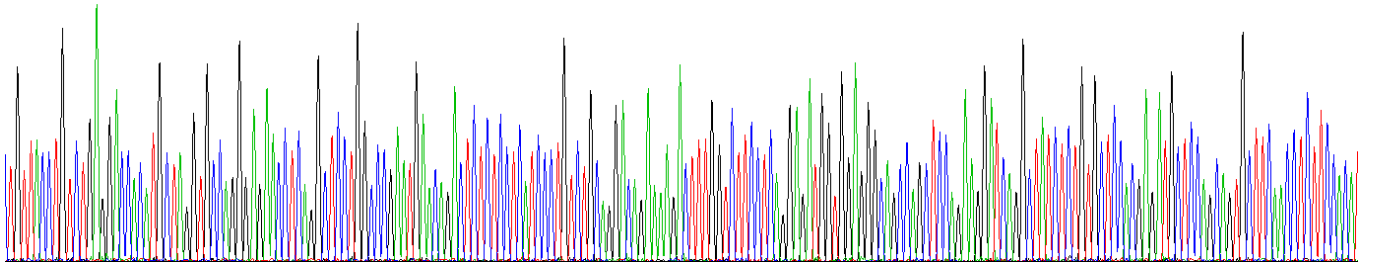


Figure. Gene Sequencing (Extract)

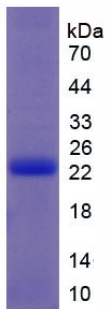


Figure. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.