

RPB980Mu01 10 μ g
Recombinant Interleukin 33 (IL33)
Organism Species: *Mus musculus* (Mouse)
Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[**PROPERTIES**]

Source: Prokaryotic expression.

Host: *E. coli*

Residues: Ser109~Ile266

Tags: N-terminal GST-tag

Tissue Specificity: Stomach, Brain, Kidney, Lung.

Subcellular Location: Nucleus. Chromosome. Cytoplasmic vesicle, secretory vesicle.

Purity: >95%

Traits: Freeze-dried powder

Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.

Original Concentration: 200ug/mL

Applications: SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.

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

Predicted isoelectric point: 5.1

Predicted Molecular Mass: 43.1kDa

Accurate Molecular Mass: 44kDa as determined by SDS-PAGE reducing conditions.

[**USAGE**]

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) 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]

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SI QGTSLLTQSP ASLSTYNDQS VSFVLENGCY VINVDDSGKD
QEQDQVLLRY YESPCPASQS GDGVDGKKLM VNMSPDKTD IWLHANDKDY
SVELQRGDVS PPEQAFFVLH KKSSDFVSFE CKNLPPTYIG VKDNQLALVE
EKDESCNNIM FKLSKI
    
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[IDENTIFICATION]

TGGT CCGA GGA GCT GCT TTT TAA GCG GT CTC TCC TCC CCG CCG GAT GCG AAT G ACG AAT C T G T A G T T T G T T T T G G G A T G G G G T T A T G T G A T C A T G T G C G C T C T G A A A G C C A G A G C A G A C C G G T C T A C G C T A C T A T G A G T C C C C T G C A A G T C A T C G G G C G C G T G T G G T G G A A G A G
 S I Q G T S L L T Q S P A S L S T Y N D Q S V S F V L E N G C Y V I N V D D S G K D Q E Q D Q V L L R Y E S P C P A S Q S G D G V D Q R K

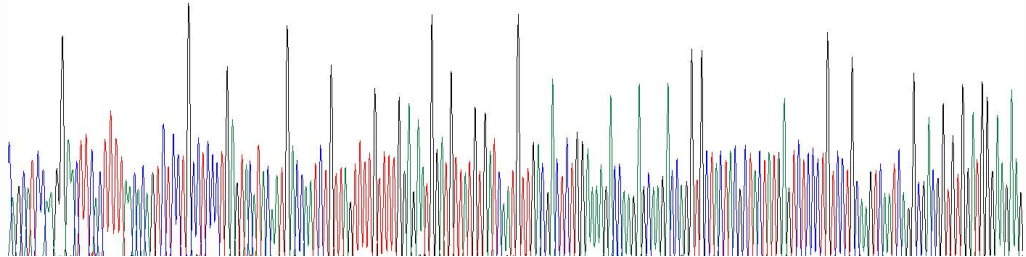


Figure 1. Gene Sequencing (Extract)

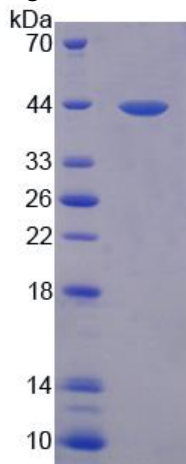


Figure 2. SDS-PAGE