

RPB317Mu01 10µg

Recombinant Perforin 1 (PRF1)

Organism Species: *Mus musculus* (Mouse)

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: Val40~Lys355

Tags: N-terminal His and GST Tag

Subcellular Location: Membrane, Secreted, Cytoplasm, Endosome

Purity: > 90%

Traits: Freeze-dried powder

Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 0.01% Sarcosyl, 5%Trehalose.

Original Concentration: 400µg/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: 7.4

Predicted Molecular Mass: 65.3kDa

Accurate Molecular Mass: 65kDa 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]

				V	WMAGEGMDVT
TLRRSGSFPV	NTQRFLRPDR	TCTLCKNSLM	RDATQRLPVA	ITHWRPHSSH	
CQRNVAAAKV	HSTEGVAREA	AANINNDWRV	GLDVNPRPEA	NMRASVAGSH	
SKVANFAAEK	TYQDQYNFNS	DTVECRMYSF	RLVQKPPLHL	DFKKALRALP	
RNFNSSTEHA	YHRLISSYGT	HFITAVDLGG	RISVLTALRT	CQLTLNGLTA	
DEVGDCLNVE	AQVSIGAQAS	VSSEYKACEE	KKKQHKMATS	FHQTYRERHV	
EVLGGPLDST	HDLLFGNQAT	PEQFSTWTAS	LPSNPGLVDY	SLEPLHTLLE	
EQNPK					

[IDENTIFICATION]

[JGAGGCTGTGACCGGAGGAGCTGCTAATATCAATAMGACTGGCTGTGGGCTGGATGTGACCCCTAGGCCAGAGCGCAATATGGGCGCTCGTGGCTGGCTCCACTCCAGGTAGCCAAATTTTGACCTGAGAGAGCTATCAGGACCACTCAAACTTTAATAGCGACAGTAGAGTGTGGCATGTACAGTTTCCCTGGTA](#)

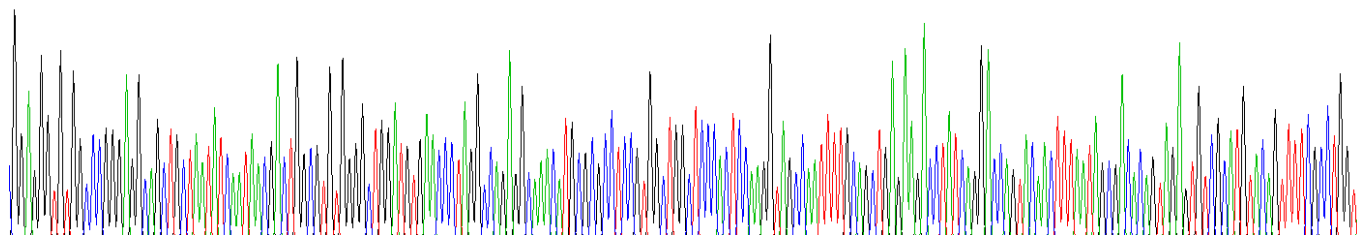


Figure . Gene Sequencing (extract)

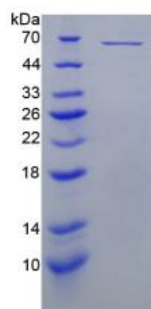


Figure. SDS-PAGE

[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.