Recombinant Perforin 1 (PRF1) Instruction Manual

SIPB221Mu01

Mus musculus (Mouse)

Source Prokaryotic expression

Host E.coli

Endotoxin Level <1.0EU per 1µg (determined by the LAL method)
Subcellular Location Membrane, Secreted, Cytoplasm, Endosome

Predicted Molecular Mass 65.3kDa

Accurate Molecular Mass 65kDa(Analysis of differences refer to the manual)
Residues & Tags Val40~Lys355 with N-terminal His and GST Tag

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5%

Trehalose and Proclin300.

Traits Freeze-dried powder

Purity > 90% Isoelectric Point 7.4

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

SEQUENCE

Buffer Formulation

			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
EONPK				

USAGE

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

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.

Image

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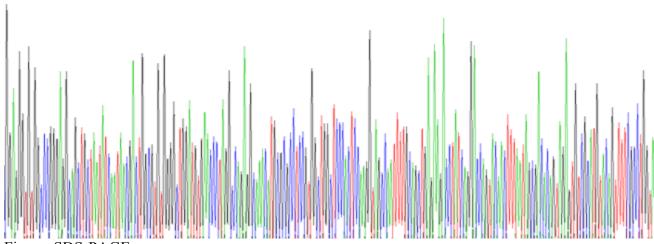


Figure. SDS-PAGE

[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.