

RPD174Ra01 100ug
Recombinant Deoxyribonuclease II Beta (DNASEIIb)
Organism Species: *Rattus norvegicus* (Rat)
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: Thr23~Asn356

Tags: N-terminal His and GST Tag

Subcellular Location: Lysosome

Purity: > 90%

Traits: Freeze-dried powder

Buffer formulation: pH7.4, containing 0.01% SKL, 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: 9.3

Predicted Molecular Mass: 68.3kDa

Accurate Molecular Mass: 68kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 10mM PBS (pH7.4) 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.

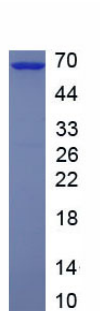
Aliquot and store at -80°C for 12 months.

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]

TPVISCIN EDGKAVDWFA FYKLPRRTSR GGTGMGLDYL YLDSTMRTWS
KSHHLINSSR SSLGRTLEQL YEAHNAKNDT AYLIYNDAVP ASVNYSGNYG
HAKGLLVWNR VQGFVLIHSI PKFPPVPEKG YEYPSSGRQY AQSGLCITLK
YSQYETIDSQ LLVFQPNIIYS CFIPNIFRWE LIHMPQMCAK SSASKIPSRR
LTVLQSAQGL NFLHFAKSTF YTDDIFAAWI AQCLKVHLLV ESWQRKNHEL
PSNCSLPYHV YNIKAIRGPL QSDFPSHHDH SKWCVSTKDS QARWTCIGDL
NRSPHQALRS GGFICSKNRY IYQSFDRLVS HYASCN

[IDENTIFICATION]



[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.