

Recombinant Rat Dnase2b Protein, His&GST-tagged

Cat. No. Dnase2b-1359R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Dnase2b Protein (Thr23-Asn356) with N-His&GST tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Thr23-Asn356
Description	Enables deoxyribonuclease II activity. Predicted to be involved in apoptotic DNA fragmentation. Predicted to be located in cytoplasm and extracellular region. Orthologous to human DNASE2B (deoxyribonuclease 2 beta).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 68.3 kDa Accurate Molecular Mass: 68 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
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 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is

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less than 5% within the expiration date under appropriate storage condition.

Storage

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

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

[Dnase2b deoxyribonuclease 2 beta \[Rattus norvegicus \(Norway rat\) \]](#)

Official Symbol

[Dnase2b](#)

Synonyms

Dnase2b; deoxyribonuclease 2 beta; UOX; Dlad; deoxyribonuclease-2-beta; DNA for uricase; DNase II beta; DNase II-like acid DNase; DNase2-like acid DNase; DNaseII-like acid DNase; deoxyribonuclease DLAD; deoxyribonuclease II beta; endonuclease DLAD; EC 3.1.22.1

Gene ID

[59296](#)

mRNA Refseq

[NM_021664](#)

Protein Refseq

[NP_067696](#)

UniProt ID

[Q9QZK9](#)

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