

# Human DNase1 / Deoxyribonuclease I / DNL1 (His Tag) recombinant protein



Catalog Number: 502581

## General Information

### Gene Name Synonym

Deoxyribonuclease I

### Protein Construction

A DNA sequence encoding the human DNASE1 (P24855) (Met1-Lys282) was expressed with a polyhistidine tag at the C-terminus.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Purity

> 85 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per µg of the protein as determined by the LAL method

### Stability

Samples are stable for up to twelve months from date of receipt at -70°C

### Predicted N terminal

Leu 23

### Molecular Mass

The recombinant human DNASE1 consists of 271

amino acids and predicts a molecular mass of 30.7 KDa. It migrates as an approximately 37 KDa band in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile PBS, pH 7.4.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

## Usage Guide

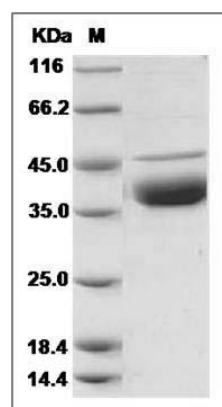
### Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



Human DNASE1 / Deoxyribonuclease I / DNL1 Protein (His Tag) SDS-PAGE