

Recombinant Human DNASE1, His tagged

Cat. No. DNASE1-207H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DNASE1 (P24855) (Met1-Lys282), fused with a polyhistidine tag at the C-terminus, was produced in Human Cells.
Species	Human
Source	Human Cells
ProteinLength	1-282 a.a.
Predicted N Terminal	Leu 23
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
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.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>85 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name DNASE1 deoxyribonuclease I [Homo sapiens]

Official Symbol DNASE1

Gene ID 1773

mRNA Refseq NM_005223

Protein Refseq NP_005214

MIM 125505

UniProt ID P24855

Chromosome Location 16p13.3

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