

# Recombinant Human DNASE1 protein, His-tagged

**Cat. No.** DNASE1-1101H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                        |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human DNASE1 protein(P24855) (Met1-Lys282) was expressed in HEK293 with a polyhistidine tag at the C-terminus.                                                             |
| <b>Species</b>          | Human                                                                                                                                                                                  |
| <b>Source</b>           | HEK293                                                                                                                                                                                 |
| <b>ProteinLength</b>    | 1-282 aa                                                                                                                                                                               |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4.                                                                                                                                                  |
| <b>Molecular Mass</b>   | 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. |
| <b>Endotoxin</b>        | < 1.0 EU per µg of the protein as determined by the LAL method                                                                                                                         |
| <b>Purity</b>           | > 85 % as determined by SDS-PAGE.                                                                                                                                                      |
| <b>Storage</b>          | Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.   |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.          |

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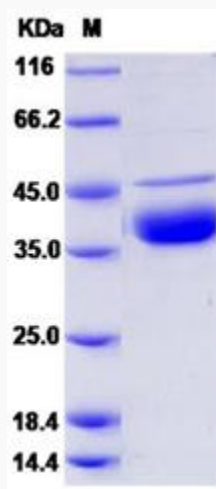
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## GENE INFORMATION

|                        |                                                                                                                                                                     |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | DNASE1 deoxyribonuclease I [ Homo sapiens ]                                                                                                                         |
| <b>Official Symbol</b> | DNASE1                                                                                                                                                              |
| <b>Synonyms</b>        | DNASE1; deoxyribonuclease I; DNL1; deoxyribonuclease-1; Dornase alfa; DNase I, lysosomal; human urine deoxyribonuclease I; DRNI; FLJ38093; FLJ44902; DKFZp686H0155; |
| <b>Gene ID</b>         | 1773                                                                                                                                                                |
| <b>mRNA Refseq</b>     | NM_005223                                                                                                                                                           |
| <b>Protein Refseq</b>  | NP_005214                                                                                                                                                           |
| <b>MIM</b>             | 125505                                                                                                                                                              |
| <b>UniProt ID</b>      | P24855                                                                                                                                                              |

### SDS-PAGE



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