

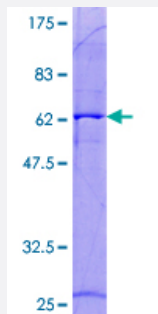
Full-Length

## DNASE1L3 (Human) Recombinant Protein (P01)

Catalog # H00001776-P01

Size 2 ug

### Applications



### Specification

#### Product Description

Human DNASE1L3 full-length ORF ( NP\_004935.1, 1 a.a. - 305 a.a.) recombinant protein with GST-tag at N-terminal.

#### Sequence

MSRELAPLLLLLSIHSALAMRICSFNVRSGESKQEDKNAMDVIVKVIKRCDIILVMEIKDSNNRICP  
ILMEKLNRSRRGITYNYVISSRLGRNTYKEQYAFLYKEKLVSVKRSYHYHDYQDGDADVFSREPFV  
VWFQSPHTAVKDFVILPLHTTPETSVKEIDELVEVYTDVKHRWKAENFIFMGDFNAGCSYVPKKA  
WKNIRLRTDPRFVWLIGDQEDTTVKKSTNCAYDRMLRGQEMSSVVPKSNVDFQKAYKLTEEE  
ALDVSDHFPVEFKLQSSRAFTNSKKSVTLRKKTSKRS

#### Host

Wheat Germ (in vitro)

#### Theoretical MW (kDa)

61.9

#### Interspecies Antigen Sequence

Mouse (82); Rat (86)

#### Preparation Method

[in vitro wheat germ expression system](#)

#### Purification

Glutathione Sepharose 4 Fast Flow

#### Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

#### Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction**

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Note**

Best use within three months from the date of receipt of this protein.

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — DNASE1L3

**Entrez GeneID**[1776](#)**GeneBank Accession#**[NM\\_004944.2](#)**Protein Accession#**[NP\\_004935.1](#)**Gene Name**

DNASE1L3

**Gene Alias**

DHP2, DNAS1L3, LSD

**Gene Description**

deoxyribonuclease Hlike 3

**Omim ID**[602244](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a member of the DNase family. The protein hydrolyzes DNA, is not inhibited by actin, and mediates the breakdown of DNA during apoptosis. Alternate transcriptional splice variants of this gene have been observed but have not been thoroughly characterized. [provided by RefSeq]

**Other Designations**

DNase I homolog protein 2|DNase gamma|LS-DNase|Liver and spleen DNase|deoxyribonuclease Hlike III|deoxyribonuclease gamma

## Disease

- [Tobacco Use Disorder](#)