

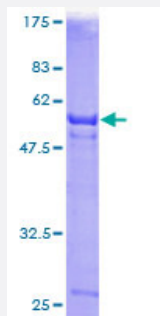
Full-Length

DNASE1L1 (Human) Recombinant Protein (P01)

Catalog # H00001774-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human DNASE1L1 full-length ORF (AAH01561, 18 a.a. - 302 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

AFRICA FNAQRLTLAKVAREQVMDTLVRILARCDIMVLQEVDSSGSAIPLLLRELNRFDGSGPYST
LSSPQLGRSTYMETYVYFYRSHKTQVLSSYVYNDVDFAREPFVAQFSLPSNVLPVLVPLHT
TPKAVEKELNALYDVFLEVSQHWQSKDVILLGDFNADCASLTKRLDKLELRTEPGFHWVIADGE
DTTVRASTHCTYDRVVLHGRCRSLHTAAAFDFPTSFQLTEEEALNISDHYPVEVELKLSQAHSV
QPLSLTVLLLLLSLLSPQLCPAA

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

57.09

Interspecies Antigen Sequence

Rat (72)

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 — DNASE1L1

Entrez GeneID[1774](#)**GeneBank Accession#**[BC001561](#)**Protein Accession#**[AAH01561](#)**Gene Name**

DNASE1L1

Gene Alias

DNAS1L1, DNASEX, DNL1L, XIB

Gene Description

deoxyribonuclease Hlike 1

Omim ID[300081](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a member of the deoxyribonuclease family and the protein shows high sequence similarity to lysosomal DNase I. Alternate transcriptional splice variants, encoding the same protein, have been characterized. [provided by RefSeq]

Other Designations

DNase I, lysosomal-like|DNase Hlike, muscle-specific|DNase X|OTTHUMP00000031940|OTTHUMP00000031941|OTTHUMP00000031943|OTTHUMP00000032113

Disease

- [Cardiovascular Diseases](#)

- [Diabetes Mellitus](#)
- [Edema](#)