

## Recombinant Human DNASE1L1 Protein, GST-tagged

**Cat. No.** DNASE1L1-2775H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                            |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human DNASE1L1 full-length ORF ( AAH01561, 18 a.a. - 302 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                             |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                      |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                 |
| <b>Description</b>      | This gene encodes a deoxyribonuclease protein that shows high sequence similarity to DNase I. The encoded protein is localized to the endoplasmic reticulum and modified by N-linked glycosylation. Alternate transcriptional splice variants encoding the same protein have been observed. [provided by RefSeq, Jan 2015] |
| <b>Molecular Mass</b>   | 57.09 kDa                                                                                                                                                                                                                                                                                                                  |
| <b>AA Sequence</b>      | AFRICA FNAQRLTLAKVAREQVMDTLVRILARCDIMVLQEVDSSGSAIPLLLRELNR<br>FDGSGPYSTLSSPQLGRSTYMETYVYFYRSHKTQVLSSYVYNDEDDVFAREPFVAQ<br>FSLPSNVLP SLVLVPLHTTPKAVEKELNALYDVFLEVSQHWQSKDVILLGDFNADCA<br>SLTKKRLDKLELRTEPGFHWVIADGEDTTVRASTHCTYDRVVLHGRCRSL LH TAAA<br>FDFPTSFQLTEEEALNISDHYPVEVELKLSQAHSVQPLSLTVLLLLSLLSPQLCPAA            |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array                                                                                                                                                                                                          |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

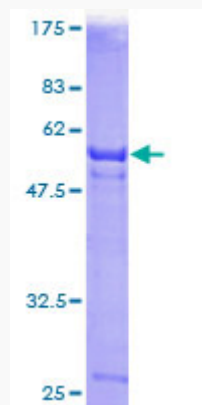
|                         |                                                                                                                                                              |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Notes</b>            | Best use within three months from the date of receipt of this protein.                                                                                       |
| <b>Storage</b>          | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.                                                                                     |
| <b>Storage Buffer</b>   | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                                                                     |
| <b>GENE INFORMATION</b> |                                                                                                                                                              |
| <b>Gene Name</b>        | DNASE1L1 deoxyribonuclease I-like 1 [ Homo sapiens ]                                                                                                         |
| <b>Official Symbol</b>  | DNASE1L1                                                                                                                                                     |
| <b>Synonyms</b>         | DNASE1L1; deoxyribonuclease I-like 1; DNL1L; deoxyribonuclease-1-like 1; DNAS1L1; DNase X; DNASEX; XIB; DNase I-like 1; DNase I-like, muscle-specific; G4.8; |
| <b>Gene ID</b>          | 1774                                                                                                                                                         |
| <b>mRNA Refseq</b>      | NM_001009932                                                                                                                                                 |
| <b>Protein Refseq</b>   | NP_001009932                                                                                                                                                 |
| <b>MIM</b>              | 300081                                                                                                                                                       |
| <b>UniProt ID</b>       | P49184                                                                                                                                                       |

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**Quality Control  
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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