

Deoxyribonuclease II Recombinant Protein | DNASEII recombinant protein

Recombinant Deoxyribonuclease II (DNASEII)

CATALOG # AAA144315	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
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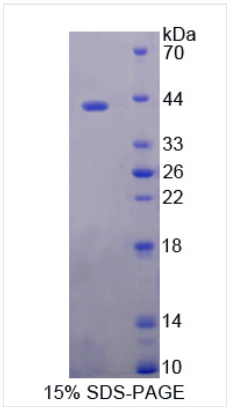
PRODUCT SYNONYMS

Deoxyribonuclease II; Recombinant Deoxyribonuclease II (DNASEII); DNASEII recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 97%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Sequence	CYGDSGQPVD WFWVYKLPAL RSGGEAAQRG LQYKYLDESS GGWRDGRALI NSPEGAVGRS LQPLYRSNTS QLAFLLYNDQ PPQPSKAQDS SMRGHTKGV LLDHDGGFWL VHSVPNFPPP ASSAAYSWPH SACTYGGTLL CVSFPFAQFS KMGKQLTYTY PWVYNYQLEG IFAQEFPDLE NVVKGHHVSQ EPWNSSITLT SQAGAVFQSF AKFSKFGDDL YSGWLAAALG TNLQVQFWHK TVGILPSNCS DIWQVLNVNQ IAFPGPAGPS FNSTEDHSKW CVSPKGPWTC VGDMNRNQGE EQRGGGTLCAL PALWKAFQ PLVKNYQPCN GMARKPSRAY KI
Applicable Applications for DNASEII recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Homo sapiens (Human)
Source	Prokaryotic expression
Residues	Cys19-Ile360
Tags	N-terminal His Tag
Subcellular Location	Lysosome
Traits	Freeze-dried powder
Predicted isoelectric point	8.4
Usage	Reconstitute in ddH2O to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for DNASEII recombinant protein	Predicted Molecular Mass: 41.5kDa Accurate Molecular Mass: 42kDa as determined by SDS-PAGE reducing conditions.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	2895897
NCBI GeneID	1777
Molecular Weight	Predicted Molecular Mass: 41.5kDa Accurate Molecular Mass: 42kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	deoxyribonuclease II
NCBI Official Synonym Full Names	deoxyribonuclease II, lysosomal
NCBI Official Symbol	DNASE2
NCBI Official Synonym Symbols	DNL; DNL2; DNASE2A
NCBI Protein Information	deoxyribonuclease-2-alpha
UniProt Protein Name	Deoxyribonuclease-2-alpha
UniProt Gene Name	DNASE2
UniProt Synonym Gene Names	DNASE2A; DNL2; DNase II alpha
UniProt Entry Name	DNS2A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/dnase2-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/144315>