

Deoxyribonuclease I Active Protein | DNase active protein

Recombinant Human Deoxyribonuclease I

CATALOG # AAA38277	HOST Chinese Hamster Ovarian Cells
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PRODUCT SYNONYMS

Deoxyribonuclease I; Recombinant Human Deoxyribonuclease I; DNase Human; Deoxyribonuclease I Human Recombinant; EC 3.1.21.1; DNase I; DNL1; DRNI; FLJ38093; DNASE1; DNase active protein

PRODUCT SPECIFICATIONS

Host	Chinese Hamster Ovarian Cells
Form/Format	(1mg/mL) Each mg contains 150 ug calcium chloride dehydrate and 8.77 mg NaCl.
Sequence Length	282
Unit Definition	Dnase is generally assayed according to the photometric method developed by Kunitz. One Dnase unit results in an increase in absorbance at 260nm of 0.001/minute at 25 degree C when acting upon highly polymerized solution of DNA at pH-5. Also 0.005 Kunitz unit digests 1 ug of lambda phage DNA in 10 minutes at 37 degree C in 50mM Tris, 1mMMg++, pH 7.8 in a 50ul reaction.
Specific Activity	1000IU/1mg.
Physical Appearance	Sterile liquid colorless solution.
Preparation and Storage	2 years when stored at 4 degree C, three weeks at 15 degree C, pH-6.3.

ADDITIONAL INFORMATION

Related Product Information for DNase active protein	Description: Deoxyribonuclease I Human Recombinant produced in CHO is a glycosylated, polypeptide chain containing 260 amino acids and having a total molecular mass of 37,000 Dalton with a molecular formula of $C_{1321}H_{1999}O_{339}S_9$. DNase is purified by proprietary chromatographic techniques
Product Categories/Family for DNase active protein	Enzymes; Nuclease

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361254
NCBI GeneID	1773
NCBI Accession #	NP_005214.2
NCBI GenBank Nucleotide #	NM_005223.3
UniProt Accession #	P24855; Q14UU9; Q14UV0; B4DV35
NCBI Official Full Name	deoxyribonuclease-1
NCBI Official Synonym Full Names	deoxyribonuclease I
NCBI Official Symbol	DNASE1
NCBI Official Synonym Symbols	DNL1; DRNI
NCBI Protein Information	deoxyribonuclease-1; DNase I, lysosomal; Dornase alfa; human urine deoxyribonuclease I

UniProt Protein Name	Deoxyribonuclease-1
UniProt Gene Name	DNASE1
UniProt Synonym Gene Names	DNL1; DRNI; DNase I
UniProt Entry Name	DNAS1_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/chinese-hamster-ovarian-cells-dnase-active-protein/deoxyribonuclease-i/38277>