Deoxyribonuclease-2-alpha (DNASE2) Recombinant Protein | DNASE2 recombinant protein

Recombinant Bovine Deoxyribonuclease-2-alpha (DNASE2)

CATALOG #	HOST
AAA114023	**E Coli or Yeast or Baculovirus or Mammalian Cell**

PRODUCT SYNONYMS

Deoxyribonuclease-2-alpha (DNASE2); Recombinant Bovine Deoxyribonuclease-2-alpha (DNASE2); DNASE2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	20-365aa; Full Length of Mature Protein
Sequence	LTCYGDSGQP VDWFVVYKLP AHTGSGDATQ NGLRYKYFDE HSEDWSDGVG FINSTTGAVG RSLLPLYRNN NSQLAFVLYN DQPPKSSESK DSSSRGHTKG VLLLDQEGGF WLIHSVPNFP PRASSAVYSW PPGAQKYGQT LICVSFPLTQ FLDISKQLTY TYPLVYDHRL EGDFAQKFPY LEEVVKGHHV RQGPWNSSVT LTSKKGATFQ SFAKFGNFGD DLYSGWLSEA LGSTLQVQFW QRSSGILPSN CSGAQHVFDV TQTAFPGPAG PAFNATEDHS KWCVTPKGPW ACVGDMNRNQ REEHRGGGTL CAQMLWKAFK PLVKAWEPCE KKSRAYSLGS PAGLWT
Species	Bovine
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for DNASE2 recombinant protein	This gene encodes a member of the DNase family. The protein, located in the lysosome, hydrolyzes DNA under acidic conditions and mediates the breakdown of DNA during erythropoiesis and apoptosis. Two codominant alleles have been characterized, DNASE2*L (low activity) and DNASE2*H (high activity), that differ at one nucleotide in the promoter region. The DNASE2*H allele is represented in this record.

NCBI AND UNIPROT INFORMATION

NCBI GI #	115496862
NCBI GeneID	282218
NCBI Accession #	NP_001068595.1
NCBI GenBank Nucleotide #	NM_001075127.2
UniProt Accession #	P56541; O46614; Q17QD1
Molecular Weight	40,282 Da
NCBI Official Full Name	deoxyribonuclease-2-alpha
NCBI Official Synonym Full Names	deoxyribonuclease 2, lysosomal
NCBI Official Symbol	DNASE2
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

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://www.aaabiotech.com/dnase2-recombinant-protein-e-coli/114023