

DNASE1 抗原（重组蛋白）

中文名称： DNASE1 抗原（重组蛋白）

英文名称： DNASE1 Antigen (Recombinant Protein)

别名： DNL1; DRNI

储存： 冷冻（-20℃）

相关类别： 抗原

概述：

Fusion protein corresponding to C terminal 260 amino acids of human DNASE1

技术规格：

Full name:	deoxyribonuclease I
Synonyms:	DNL1; DRNI
Swissprot:	P24855
Gene Accession:	BC029437
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	This gene encodes a member of the DNase family. This protein is stored in the zymogen granules of the nuclear envelope and functions by cleaving DNA in an endonucleolytic manner. At least six autosomal codominant alleles have been characterized, DNASE1*1 through DNASE1*6, and the sequence of DNASE1*2 represented in this record. Mutations in this gene have been associated with systemic lupus erythematosus (SLE), an autoimmune disease. A recombinant form of this protein is used to treat the one of the symptoms of cystic fibrosis by hydrolyzing the extra

cellular DNA in sputum and reducing its viscosity. Alternate transcriptional splice variants of this gene have been observed but have not been thoroughly characterized.